From EPAMAIN

COMPOUND	CASNO
NITROPROPANE,2-	79-46-9
TRICHLOROETHANE,1,1,2-	79-00-5
BENZENE	71-43-2

From EPASOLID

COMPOUND	SMATRIX
BENZENE	SOIL
BENZENE	SOIL
TRICHLOROETHANE,1,1,2-	SOIL
TRICHLOROETHANE,1,1,2-	SOIL
TRICHLOROETHANE,1,1,2-	SOIL
TRICHLOROETHANE,1,1,2-	SOIL
TRICHLOROETHANE,1,1,2-	SOIL

From EPA ISO

COMPOUND	I_ABSORB
BENZENE	NORIT PEAT
BENZENE	NUCHAR WV
BENZENE	FILTRASORB
BENZENE	HYDRODARC
BENZENE	FILTRASORB
TRICHLOROETHANE,1,1,2-	FILTRASORB

From EPA TT

COMPOUND	T_RANGE
BENZENE	2
BENZENE	2
BENZENE	2
BENZENE	1
BENZENE	2
BENZENE	2
BENZENE	2
BENZENE	3
BENZENE	5
BENZENE	2
BENZENE	2
BENZENE	1
BENZENE	1
BENZENE	3
BENZENE	1
BENZENE	4
BENZENE	3
BENZENE	3
BENZENE	1
BENZENE	3
BENZENE	5
BENZENE	1
BENZENE	1
BENZENE	2

BENZENE	1
BENZENE	2
BENZENE	2
BENZENE	1
BENZENE	4
BENZENE	4
BENZENE	3
BENZENE	1
BENZENE	2
BENZENE	2
BENZENE	2
BENZENE	1
BENZENE	1
BENZENE	2
BENZENE	1
BENZENE	2
BENZENE	2
BENZENE	2
BENZENE	1
BENZENE	5
BENZENE	1
BENZENE	2
BENZENE	2
BENZENE	4
BENZENE	2
BENZENE	3
BENZENE	2
BENZENE	1
BENZENE	5
BENZENE	1
BENZENE	3
BENZENE	2
BENZENE	3
BENZENE	2
BENZENE	5
BENZENE	3
BENZENE	3
BENZENE	1
BENZENE	2
BENZENE	3
BENZENE	4
BENZENE	4
BENZENE	2
BENZENE	2

TYPE	STYPE	FORMULA
HYDROCARBON	NITRO	C3 H7 N O2
HYDROCARBON	HALOGENATED	C2 H3 CL3
AROMATIC	HYDROCARBON	C6 H6

SPROCESS	SPRECON	SPOSTCON
TD	3.6 mg/kg	92 (1) ug/kg
TD	3.6 mg/kg	75 (1) ug/kg
TD	1.8 mg/kg	<5 (1) ug/kg
TD	12 mg/kg	<5 (1) ug/kg
TD	12 mg/kg	<5 (1) ug/kg
TD	130 mg/kg	<5 (1) ug/kg
TD	130 mg/kg	<5 (1) ug/kg

I_MATRIX	I_K_VALUE	I_INVERSE
C	0.73	0.61
C	1.07	0.48
C	1.12	0.39
C	1.18	0.36
C	1.0	1.6
C	5.81	0.60

T_TECH	T_SCALE	T_MATRIX
AirS	P	GW
AS	B	S
AS	B	S
AirS+GAC	F1	GW
AS	F28	D
AL	F55	D
PACT	B	S
WOx (B)	B3	S
WOx (B)	B1	S
AirS	F	GW
AS	F6	D
RO	P	S
PACT	B	RCRA
GAC	F1	HL
AS	F5	D
AirS	B2	S
AL	B	S
WOx	F	RCRA
AS	B	S
AirS	F	GW
AS	B	S
AS	F	D
AS	P	D
AS	F38	D

TF	F11	D
AirS	P	SF
AS	F30	D
AS	F58	D
SS	F32	I
AL+AS	F	I
AS	F10	I
RO	F2	GW
AS	F5	I
AS	F33	I
SS	F1	I
ChOx(Cl)	F	I
Fil+GAC	F4	TSDF
AirS	F6	SF
AS	F4	I
ChPt	F6	SF
AS	F1	I
RO	F4	SF
AS	F6	I
SS	F17	I
GAC	F1	I
AL	F24	I
AS	F2	I
TF+AS	F21	I
CAC	F8	I
AS	F11	I
AS	F7	I
GAC	F4	SF
AS+Fil	F26	I
AS	F2	I
AS	F1	I
AS	F3	I
UF	P2	SP
RO	P2	SP
SS	F32	I
API+DAF+AS	F	I
GAC	F	I
AS	F6	SF
Fil	F6	SF
RO	F3	GW
SS	F15	I
AS	F31	I
AL	F12	I
AS	F20	I

MOL_WEIGHT	REF_MW	MELT_POINT	REF_MP
89.09	462A	-91.3	462A
133.40	333A	-36.5	333A
78.11	333A	5.5	333A

SREMOVAL	SSCALE	SREF	SMETHC
97.4	P1	2005E$	TCA
97.9	P2	2005E$	TCA
>99.72	P5	2005E$	TCA
>99.958	P4	2005E$	TCA
>99.958	P3	2005E$	TCA
>99.9962	P7	2005E$	TCA
>99.9962	P8	2005E$	TCA

I_CE_UNITS	I_XM_UN	I_REF
ug/L	mg/gm	764B
ug/L	mg/gm	764B
ug/L	mg/gm	764B
ug/L	mg/gm	764B
mg/L	mg/gm	3B
mg/L	mg/gm	3B

T_SIC	T_CONC	T_PREM1	T_PREM
	<0.5 (1)	>99.67	
	0.8 (16)	99.30	
	1.0 (8)	99.83	
	<1 (19)	>90.9	
	<1 (6)	>99.55	
	<10 (6)	>94.4	
	0.7 (12)	99.34	
	500	53	
	180	82	
	<0.44 (22	>99.74	
	0.6 (7)	99.83	
	32 (1)	19	
	<5	>83	
	<10 (1)	>99.28	
	<0.7 (7)	>97.4	
	9,300 (5)	90.0	
	60	98.0	
	29	99.64	
	0.5 (16)	97.8	
	52 (19)	98.7	
	0.040	99.974	
	6 (10)	81	
	<0.2 (20)	>99.73	
	2 (6)	98.9	

	1 (5)	97.5
	1 (3)	99.09
	<2 (6)	>99.00
	<16 (6)	>84
28	10 (2)	99.971
28	13 (21)	99.900
28	<10 (3)	>99.09
	3.8	95.1
28	<10 (7)	>98.8
28	<10 (14)	>95.7
28	<10 (10)	>96.3
33	4.6	94.3
	<2 (1)	>90.5
	<18 (5)	>92.7
28	<1 (1)	>92.3
	240 (5)	23
28	11 (1)	98.0
	67	92.7
28	<1 (1)	>88
28	0.048 (12	99.994
28	<5 (1)	>54
28	<10 (2)	>92.3
28	70 (1)	73
28	<10 (3)	>99.974
28	<5 (1)	>98.9
28	<10 (3)	>99.71
28	<1 (1)	>99.58
	<10 (5)	>60
28	0.020 (3)	99.994
28	<10 (28)	>89.6
28	<11 (27)	>99.80
28	<30 (22)	>91.7
	230	78
	50	78
28	0.20 (3)	99.938
29	3.7 (4)	99.959
33	80	98.6
	<10 (1)	>81
	250 (5)	0
	140	92.2
28	<10 (10)	>99.989
28	<10 (15)	>99.974
28	<10 (2)	>98.9
28	<10 (3)	>95.6

BOIL_POINT	REF_BP	VAPOR_PRES	REF_VP
120.3	462A	10 @ 15.8	333A
113.8	333A	25 @ 25	1006A
80.1	333A	95 @ 25	462A

SNOTES
12 min @ 1604 F
18 min @ 1604 F
12 min @ 1554 F
12 min @ 1593 F
18 min @ 1604 F
18 min @ 1576 F
12 min @ 1572 F

T_REF	T_REVIE	T_VOL	T_SLUD
224	B	-	-
200	B	V	S
200	B	V	S
229	A	-	-
1	B	-	S
1	B	-	S
200	B	V	S
1054	E	V	-
1054	E	V	-
322	B	-	-
234	A	-	-
323	B	-	-
242	E	-	-
245	B	-	-
234	A	-	-
1328	E	-	-
371	D	V	S
242	E	-	-
200	B	V	S
322	B	-	-
202	D	V	S
201	B	-	S
206	B	V	S
1	B	-	S

1	B	-	S
1362	E	-	-
1	B	-	S
1	B	-	S
6	B	-	-
233	D	V	S
6	B	-	-
250	B	-	-
6	B	-	-
6	B	-	-
251	B	V	-
9	E	-	-
28	B	V	S
245	B	-	-
32	B	-	-
245	B	-	-
32	B	-	-
250	B	-	-
32	B	-	-
6	B	-	-
32	B	-	-
6	B	-	-
32	B	-	-
6	B	-	-
32	B	-	-
6	B	-	-
32	B	-	-
245	B	-	-
6	B	-	-
6	B	-	-
6	B	-	-
6	B	-	-
250	B	-	-
250	B	-	-
6	B	-	-
1482	D	-	-
9	E	-	-
245	B	-	-
245	B	-	-
250	B	-	-
6	B	-	-
6	B	-	-
6	B	-	-
6	B	-	-

SOLUBILITY	REF_SO	HENRYS_LAW	REF_HL	PART_COEFF	REF_PC
1.7 E 4	462A		NA		NA
4500 @ 20	463B		NA	2.17 (C)	379B
1780 @ 20	463A	5.55 E-3 @ 25	191D	2.13	379B

T_COST
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E_NONC	E_RISK	E_DWAT	E_WQUA	E_AQ_TOX
NA	NA	NA	NA	5B
4B	4B	NA	4B	5B
NA	4B	346B	345B	5B