

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021298.D
 Acq On : 21 Feb 2025 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 21 23:11:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	61	0.00
2 T	Dichlorodifluoromethane	50.000	47.863	4.3	58	0.00
3 P	Chloromethane	50.000	67.871	-35.7#	86	0.00
4 C	Vinyl Chloride	50.000	70.671	-41.3#	90	0.00
5 T	Bromomethane	50.000	72.769	-45.5#	94	0.00
6 T	Chloroethane	50.000	79.612	-59.2#	100	0.00
7 T	Trichlorofluoromethane	50.000	57.235	-14.5	71	0.00
8 T	Diethyl Ether	50.000	60.755	-21.5	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.005	-8.0	67	0.00
10 T	Methyl Iodide	50.000	57.830	-15.7	67	0.00
11 T	Tert butyl alcohol	250.000	272.127	-8.9	72	0.00
12 CM	1,1-Dichloroethene	50.000	55.916	-11.8#	69	0.00
13 T	Acrolein	250.000	160.472	35.8#	40	0.00
14 T	Allyl chloride	50.000	59.469	-18.9	73	0.00
15 T	Acrylonitrile	250.000	331.176	-32.5#	79	0.00
16 T	Acetone	250.000	339.117	-35.6#	85	0.00
17 T	Carbon Disulfide	50.000	50.529	-1.1	62	0.00
18 T	Methyl Acetate	50.000	80.606	-61.2#	96	0.00
19 T	Methyl tert-butyl Ether	50.000	62.372	-24.7	75	0.01
20 T	Methylene Chloride	50.000	64.620	-29.2#	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.219	-16.4	71	0.00
22 T	Diisopropyl ether	50.000	68.014	-36.0#	82	0.00
23 T	Vinyl Acetate	250.000	320.619	-28.2#	76	0.00
24 P	1,1-Dichloroethane	50.000	63.355	-26.7#	79	0.00
25 T	2-Butanone	250.000	342.269	-36.9#	81	0.00
26 T	2,2-Dichloropropane	50.000	47.422	5.2	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.648	-21.3	74	0.00
28 T	Bromochloromethane	50.000	69.578	-39.2#	79	0.00
29 T	Tetrahydrofuran	250.000	338.394	-35.4#	80	0.00
30 C	Chloroform	50.000	63.063	-26.1#	78	0.00
31 T	Cyclohexane	50.000	50.002	-0.0	64	0.00
32 T	1,1,1-Trichloroethane	50.000	59.470	-18.9	74	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.749	-19.5	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	53.251	-6.5	72	0.00
36 T	1,1-Dichloropropene	50.000	53.032	-6.1	71	0.00
37 T	Ethyl Acetate	50.000	60.352	-20.7	78	0.00
38 T	Carbon Tetrachloride	50.000	52.525	-5.0	70	0.00
39 T	Methylcyclohexane	50.000	48.752	2.5	63	0.00
40 TM	Benzene	50.000	57.406	-14.8	76	0.00
41 T	Methacrylonitrile	50.000	53.943	-7.9	77	0.00
42 TM	1,2-Dichloroethane	50.000	61.055	-22.1	82	0.00
43 T	Isopropyl Acetate	50.000	61.140	-22.3	79	0.00
44 TM	Trichloroethene	50.000	53.668	-7.3	73	0.00
45 C	1,2-Dichloropropane	50.000	60.630	-21.3#	81	0.00
46 T	Dibromomethane	50.000	58.672	-17.3	78	0.00
47 T	Bromodichloromethane	50.000	60.472	-20.9	81	0.00
48 T	Methyl methacrylate	50.000	63.263	-26.5#	82	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1248.459	-24.8	80	0.00
50 S	Toluene-d8	50.000	52.521	-5.0	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	323.109	-29.2#	82	0.00
52 CM	Toluene	50.000	57.739	-15.5#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	56.862	-13.7	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.209	-12.4	73	0.00
55 T	1,1,2-Trichloroethane	50.000	59.782	-19.6	79	0.00
56 T	Ethyl methacrylate	50.000	61.314	-22.6	76	0.00
57 T	1,3-Dichloropropane	50.000	60.729	-21.5	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.735	-7.9	68	0.00
59 T	2-Hexanone	250.000	331.505	-32.6#	81	0.00
60 T	Dibromochloromethane	50.000	59.794	-19.6	80	0.00
61 T	1,2-Dibromoethane	50.000	58.632	-17.3	76	0.00
62 S	4-Bromofluorobenzene	50.000	55.645	-11.3	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64 T	Tetrachloroethene	50.000	53.029	-6.1	74	0.00
65 PM	Chlorobenzene	50.000	55.332	-10.7	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.601	-13.2	79	0.00
67 C	Ethyl Benzene	50.000	55.547	-11.1#	76	0.00
68 T	m/p-Xylenes	100.000	110.293	-10.3	75	0.00
69 T	o-Xylene	50.000	56.744	-13.5	77	0.00
70 T	Styrene	50.000	58.126	-16.3	78	0.00
71 P	Bromoform	50.000	57.460	-14.9	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73 T	Isopropylbenzene	50.000	50.698	-1.4	76	0.00
74 T	N-amyl acetate	50.000	55.511	-11.0	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.595	-7.2	81	0.00
76 T	1,2,3-Trichloropropane	50.000	53.453	-6.9	77	0.00
77 T	Bromobenzene	50.000	51.449	-2.9	79	0.00
78 T	n-propylbenzene	50.000	50.882	-1.8	76	0.00
79 T	2-Chlorotoluene	50.000	51.464	-2.9	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.215	-2.4	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.379	11.2	65	0.00
82 T	4-Chlorotoluene	50.000	51.420	-2.8	78	0.00
83 T	tert-Butylbenzene	50.000	51.835	-3.7	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.822	-5.6	79	0.00
85 T	sec-Butylbenzene	50.000	50.761	-1.5	77	0.00
86 T	p-Isopropyltoluene	50.000	51.346	-2.7	76	0.00
87 T	1,3-Dichlorobenzene	50.000	51.794	-3.6	79	0.00
88 T	1,4-Dichlorobenzene	50.000	51.030	-2.1	77	0.00
89 T	n-Butylbenzene	50.000	50.801	-1.6	74	0.00
90 T	Hexachloroethane	50.000	52.293	-4.6	79	0.00
91 T	1,2-Dichlorobenzene	50.000	52.819	-5.6	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.556	-7.1	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.238	-8.5	77	0.00
94 T	Hexachlorobutadiene	50.000	50.288	-0.6	74	0.00
95 T	Naphthalene	50.000	59.690	-19.4	79	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.828	-13.7	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6