

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013543.D
 Acq On : 01 May 2023 17:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 22:50:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 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	117	0.00
2 T	Dichlorodifluoromethane	50.000	52.938	-5.9	121	0.00
3 P	Chloromethane	50.000	44.749	10.5	107	0.00
4 C	Vinyl Chloride	50.000	44.878	10.2#	108	0.00
5 T	Bromomethane	50.000	41.939	16.1	105	0.00
6 T	Chloroethane	50.000	44.109	11.8	109	0.00
7 T	Trichlorofluoromethane	50.000	50.768	-1.5	120	0.00
8 T	Diethyl Ether	50.000	53.048	-6.1	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.262	1.5	119	0.00
10 T	Methyl Iodide	50.000	50.017	-0.0	108	0.00
11 T	Tert butyl alcohol	250.000	313.471	-25.4#	159	0.00
12 CM	1,1-Dichloroethene	50.000	49.062	1.9#	114	0.00
13 T	Acrolein	250.000	232.969	6.8	117	0.00
14 T	Allyl chloride	50.000	49.929	0.1	115	0.00
15 T	Acrylonitrile	250.000	309.376	-23.8	140	0.00
16 T	Acetone	250.000	320.422	-28.2#	137	0.00
17 T	Carbon Disulfide	50.000	46.924	6.2	108	0.00
18 T	Methyl Acetate	50.000	59.063	-18.1	136	0.00
19 T	Methyl tert-butyl Ether	50.000	56.224	-12.4	127	0.00
20 T	Methylene Chloride	50.000	49.351	1.3	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.208	-2.4	117	0.00
22 T	Diisopropyl ether	50.000	53.788	-7.6	124	0.00
23 T	Vinyl Acetate	250.000	294.268	-17.7	131	0.00
24 P	1,1-Dichloroethane	50.000	51.620	-3.2	120	0.00
25 T	2-Butanone	250.000	322.618	-29.0#	144	0.00
26 T	2,2-Dichloropropane	50.000	52.032	-4.1	122	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.739	-7.5	125	0.00
28 T	Bromochloromethane	50.000	52.203	-4.4	124	0.00
29 T	Tetrahydrofuran	250.000	320.831	-28.3#	144	0.00
30 C	Chloroform	50.000	54.232	-8.5#	128	0.00
31 T	Cyclohexane	50.000	46.673	6.7	114	0.00
32 T	1,1,1-Trichloroethane	50.000	53.315	-6.6	124	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.802	-5.6	130	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	51.877	-3.8	127	0.00
36 T	1,1-Dichloropropene	50.000	51.923	-3.8	121	0.00
37 T	Ethyl Acetate	50.000	61.328	-22.7	135	0.00
38 T	Carbon Tetrachloride	50.000	54.729	-9.5	125	0.00
39 T	Methylcyclohexane	50.000	51.544	-3.1	117	0.00
40 TM	Benzene	50.000	53.283	-6.6	122	0.00
41 T	Methacrylonitrile	50.000	45.759	8.5	103	0.00
42 TM	1,2-Dichloroethane	50.000	57.307	-14.6	130	0.00
43 T	Isopropyl Acetate	50.000	60.386	-20.8	135	0.00
44 TM	Trichloroethene	50.000	54.137	-8.3	124	0.00
45 C	1,2-Dichloropropane	50.000	54.216	-8.4#	125	0.00
46 T	Dibromomethane	50.000	57.173	-14.3	131	0.00
47 T	Bromodichloromethane	50.000	57.059	-14.1	130	0.00
48 T	Methyl methacrylate	50.000	60.892	-21.8	132	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1347.862	-34.8#	149	0.00
50 S	Toluene-d8	50.000	50.174	-0.3	124	0.00
51 T	4-Methyl-2-Pentanone	250.000	328.119	-31.2#	144	0.00
52 CM	Toluene	50.000	55.130	-10.3#	125	0.00
53 T	t-1,3-Dichloropropene	50.000	57.997	-16.0	130	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.982	-10.0	125	0.00
55 T	1,1,2-Trichloroethane	50.000	58.079	-16.2	133	0.00
56 T	Ethyl methacrylate	50.000	63.887	-27.8#	138	0.00
57 T	1,3-Dichloropropane	50.000	58.882	-17.8	135	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.690	-9.9	135	0.00
59 T	2-Hexanone	250.000	344.821	-37.9#	147	0.00
60 T	Dibromochloromethane	50.000	57.942	-15.9	130	0.00
61 T	1,2-Dibromoethane	50.000	59.036	-18.1	133	0.00
62 S	4-Bromofluorobenzene	50.000	54.157	-8.3	134	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	53.328	-6.7	128	0.00
65 PM	Chlorobenzene	50.000	52.829	-5.7	128	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.914	-11.8	136	0.00
67 C	Ethyl Benzene	50.000	54.402	-8.8#	129	0.00
68 T	m/p-Xylenes	100.000	109.002	-9.0	129	0.00
69 T	o-Xylene	50.000	54.619	-9.2	128	0.00
70 T	Styrene	50.000	56.310	-12.6	132	0.00
71 P	Bromoform	50.000	59.794	-19.6	142	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	129	0.00
73 T	Isopropylbenzene	50.000	50.971	-1.9	128	0.00
74 T	N-ethyl acetate	50.000	58.466	-16.9	140	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.616	-11.2	140	0.00
76 T	1,2,3-Trichloropropane	50.000	57.147	-14.3	142	0.00
77 T	Bromobenzene	50.000	54.323	-8.6	137	0.00
78 T	n-propylbenzene	50.000	51.595	-3.2	129	0.00
79 T	2-Chlorotoluene	50.000	52.520	-5.0	132	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.031	-6.1	132	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.873	-13.7	137	0.00
82 T	4-Chlorotoluene	50.000	52.108	-4.2	131	0.00
83 T	tert-Butylbenzene	50.000	52.364	-4.7	131	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.973	-7.9	133	0.00
85 T	sec-Butylbenzene	50.000	52.099	-4.2	131	0.00
86 T	p-Isopropyltoluene	50.000	53.259	-6.5	134	0.00
87 T	1,3-Dichlorobenzene	50.000	53.314	-6.6	136	0.00
88 T	1,4-Dichlorobenzene	50.000	52.933	-5.9	136	0.00
89 T	n-Butylbenzene	50.000	52.344	-4.7	132	0.00
90 T	Hexachloroethane	50.000	50.128	-0.3	130	0.00
91 T	1,2-Dichlorobenzene	50.000	55.364	-10.7	139	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.634	-19.3	153	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.468	-20.9	155	0.00
94 T	Hexachlorobutadiene	50.000	58.970	-17.9	155	0.00
95 T	Naphthalene	50.000	65.939	-31.9#	162	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	62.076	-24.2	156	0.00

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