

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013489.D
 Acq On : 27 Apr 2023 13:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 27 16:13:41 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	50.994	-2.0	115	0.00
3 P	Chloromethane	50.000	49.191	1.6	116	0.00
4 C	Vinyl Chloride	50.000	47.815	4.4#	113	0.00
5 T	Bromomethane	50.000	45.864	8.3	114	0.00
6 T	Chloroethane	50.000	48.016	4.0	117	0.00
7 T	Trichlorofluoromethane	50.000	49.147	1.7	115	0.00
8 T	Diethyl Ether	50.000	50.902	-1.8	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.076	1.8	117	0.00
10 T	Methyl Iodide	50.000	48.961	2.1	104	0.00
11 T	Tert butyl alcohol	250.000	238.411	4.6	119	0.00
12 CM	1,1-Dichloroethene	50.000	49.732	0.5#	114	0.00
13 T	Acrolein	250.000	263.009	-5.2	129	0.00
14 T	Allyl chloride	50.000	51.548	-3.1	117	0.00
15 T	Acrylonitrile	250.000	278.402	-11.4	125	0.00
16 T	Acetone	250.000	238.386	4.6	100	0.00
17 T	Carbon Disulfide	50.000	49.531	0.9	112	0.00
18 T	Methyl Acetate	50.000	53.459	-6.9	122	0.00
19 T	Methyl tert-butyl Ether	50.000	52.718	-5.4	118	0.00
20 T	Methylene Chloride	50.000	49.361	1.3	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.801	-5.6	119	0.00
22 T	Diisopropyl ether	50.000	56.321	-12.6	128	0.00
23 T	Vinyl Acetate	250.000	310.555	-24.2	136	0.00
24 P	1,1-Dichloroethane	50.000	53.830	-7.7	124	0.00
25 T	2-Butanone	250.000	270.846	-8.3	119	0.00
26 T	2,2-Dichloropropane	50.000	49.645	0.7	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.398	-6.8	123	0.00
28 T	Bromochloromethane	50.000	55.232	-10.5	129	0.00
29 T	Tetrahydrofuran	250.000	277.503	-11.0	123	0.00
30 C	Chloroform	50.000	54.449	-8.9#	127	0.00
31 T	Cyclohexane	50.000	48.648	2.7	117	0.00
32 T	1,1,1-Trichloroethane	50.000	52.973	-5.9	122	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.543	-5.1	128	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	51.614	-3.2	129	0.00
36 T	1,1-Dichloropropene	50.000	51.285	-2.6	121	0.00
37 T	Ethyl Acetate	50.000	53.228	-6.5	119	0.00
38 T	Carbon Tetrachloride	50.000	51.962	-3.9	121	0.00
39 T	Methylcyclohexane	50.000	50.845	-1.7	117	0.00
40 TM	Benzene	50.000	53.218	-6.4	124	0.00
41 T	Methacrylonitrile	50.000	50.083	-0.2	114	0.00
42 TM	1,2-Dichloroethane	50.000	54.831	-9.7	126	0.00
43 T	Isopropyl Acetate	50.000	54.943	-9.9	125	0.00
44 TM	Trichloroethene	50.000	51.100	-2.2	119	0.00
45 C	1,2-Dichloropropane	50.000	55.473	-10.9#	129	0.00
46 T	Dibromomethane	50.000	54.385	-8.8	126	0.00
47 T	Bromodichloromethane	50.000	55.466	-10.9	129	0.00
48 T	Methyl methacrylate	50.000	56.828	-13.7	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1097.763	-9.8	123	0.00
50 S	Toluene-d8	50.000	50.240	-0.5	126	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.473	-13.8	127	0.00
52 CM	Toluene	50.000	53.250	-6.5#	122	0.00
53 T	t-1,3-Dichloropropene	50.000	54.670	-9.3	124	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.502	-7.0	124	0.00
55 T	1,1,2-Trichloroethane	50.000	54.218	-8.4	126	0.00
56 T	Ethyl methacrylate	50.000	57.400	-14.8	126	0.00
57 T	1,3-Dichloropropane	50.000	54.831	-9.7	127	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	266.034	-6.4	133	0.00
59 T	2-Hexanone	250.000	280.886	-12.4	122	0.00
60 T	Dibromochloromethane	50.000	54.769	-9.5	124	0.00
61 T	1,2-Dibromoethane	50.000	53.931	-7.9	123	0.00
62 S	4-Bromofluorobenzene	50.000	53.410	-6.8	134	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64 T	Tetrachloroethene	50.000	50.396	-0.8	122	0.00
65 PM	Chlorobenzene	50.000	51.145	-2.3	124	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.202	-6.4	129	0.00
67 C	Ethyl Benzene	50.000	52.764	-5.5#	126	0.00
68 T	m/p-Xylenes	100.000	105.461	-5.5	125	0.00
69 T	o-Xylene	50.000	52.741	-5.5	124	0.00
70 T	Styrene	50.000	54.139	-8.3	128	0.00
71 P	Bromoform	50.000	54.052	-8.1	129	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	125	0.00
73 T	Isopropylbenzene	50.000	51.625	-3.3	125	0.00
74 T	N-ethyl acetate	50.000	55.016	-10.0	128	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.704	-7.4	130	0.00
76 T	1,2,3-Trichloropropane	50.000	51.683	-3.4	124	0.00
77 T	Bromobenzene	50.000	52.459	-4.9	127	0.00
78 T	n-propylbenzene	50.000	51.940	-3.9	126	0.00
79 T	2-Chlorotoluene	50.000	52.470	-4.9	128	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.017	-6.0	127	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.948	-1.9	119	0.00
82 T	4-Chlorotoluene	50.000	51.914	-3.8	126	0.00
83 T	tert-Butylbenzene	50.000	51.906	-3.8	125	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.136	-6.3	127	0.00
85 T	sec-Butylbenzene	50.000	51.313	-2.6	125	0.00
86 T	p-Isopropyltoluene	50.000	52.340	-4.7	127	0.00
87 T	1,3-Dichlorobenzene	50.000	52.249	-4.5	129	0.00
88 T	1,4-Dichlorobenzene	50.000	51.360	-2.7	128	0.00
89 T	n-Butylbenzene	50.000	51.394	-2.8	125	0.00
90 T	Hexachloroethane	50.000	50.862	-1.7	128	0.00
91 T	1,2-Dichlorobenzene	50.000	53.486	-7.0	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.639	-5.3	131	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.681	-9.4	135	0.00
94 T	Hexachlorobutadiene	50.000	53.357	-6.7	136	0.00
95 T	Naphthalene	50.000	57.539	-15.1	136	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.059	-14.1	139	0.00

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