

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012220\
 Data File : VY001342.D
 Acq On : 22 Jan 2020 19:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 04:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	50.060	-0.1	103	0.00
3 P	Chloromethane	50.000	47.478	5.0	102	0.00
4 C	Vinyl Chloride	50.000	48.141	3.7#	100	0.00
5 T	Bromomethane	50.000	49.425	1.2	107	0.00
6 T	Chloroethane	50.000	49.147	1.7	103	0.00
7 T	Trichlorofluoromethane	50.000	50.359	-0.7	105	0.00
8 T	Diethyl Ether	50.000	49.177	1.6	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.609	-1.2	104	0.00
10 T	Methyl Iodide	50.000	48.730	2.5	95	0.00
11 T	Tert butyl alcohol	250.000	242.138	3.1	105	0.01
12 CM	1,1-Dichloroethene	50.000	49.340	1.3#	104	0.00
13 T	Acrolein	250.000	270.752	-8.3	123	0.00
14 T	Allyl chloride	50.000	49.253	1.5	103	0.00
15 T	Acrylonitrile	250.000	251.316	-0.5	106	0.00
16 T	Acetone	250.000	273.765	-9.5	109	0.00
17 T	Carbon Disulfide	50.000	48.537	2.9	103	0.00
18 T	Methyl Acetate	50.000	47.183	5.6	105	0.00
19 T	Methyl tert-butyl Ether	50.000	49.568	0.9	104	0.00
20 T	Methylene Chloride	50.000	46.681	6.6	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.498	3.0	102	0.00
22 T	Diisopropyl ether	50.000	49.132	1.7	104	0.01
23 T	Vinyl Acetate	250.000	248.000	0.8	104	0.01
24 P	1,1-Dichloroethane	50.000	49.690	0.6	104	0.00
25 T	2-Butanone	250.000	252.630	-1.1	108	0.01
26 T	2,2-Dichloropropane	50.000	46.383	7.2	100	0.01
27 T	cis-1,2-Dichloroethene	50.000	49.671	0.7	104	0.01
28 T	Bromochloromethane	50.000	51.846	-3.7	104	0.00
29 T	Tetrahydrofuran	250.000	249.711	0.1	106	0.01
30 C	Chloroform	50.000	49.407	1.2#	106	0.00
31 T	Cyclohexane	50.000	47.435	5.1	104	0.00
32 T	1,1,1-Trichloroethane	50.000	49.655	0.7	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.963	-5.9	107	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.01
35 S	Dibromofluoromethane	50.000	50.890	-1.8	107	0.01
36 T	1,1-Dichloropropene	50.000	48.316	3.4	103	0.01
37 T	Ethyl Acetate	50.000	49.253	1.5	105	0.01
38 T	Carbon Tetrachloride	50.000	49.298	1.4	104	0.01
39 T	Methylcyclohexane	50.000	48.780	2.4	103	0.01
40 TM	Benzene	50.000	49.213	1.6	104	0.01
41 T	Methacrylonitrile	50.000	49.563	0.9	110	0.01
42 TM	1,2-Dichloroethane	50.000	48.978	2.0	104	0.01
43 T	Isopropyl Acetate	50.000	50.472	-0.9	105	0.01
44 TM	Trichloroethene	50.000	48.509	3.0	104	0.02
45 C	1,2-Dichloropropane	50.000	49.636	0.7#	105	0.01

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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)
46 T	Dibromomethane	50.000	49.234	1.5	105	0.01
47 T	Bromodichloromethane	50.000	49.808	0.4	106	0.01
48 T	Methyl methacrylate	50.000	49.570	0.9	105	0.01
49 T	1,4-Dioxane	1000.000	1006.337	-0.6	109	0.01
50 S	Toluene-d8	50.000	52.246	-4.5	104	0.02
51 T	4-Methyl-2-Pentanone	250.000	251.126	-0.5	106	0.01
52 CM	Toluene	50.000	48.613	2.8#	103	0.01
53 T	t-1,3-Dichloropropene	50.000	49.680	0.6	103	0.01
54 T	cis-1,3-Dichloropropene	50.000	49.752	0.5	105	0.01
55 T	1,1,2-Trichloroethane	50.000	49.187	1.6	103	0.02
56 T	Ethyl methacrylate	50.000	50.144	-0.3	105	0.01
57 T	1,3-Dichloropropane	50.000	50.120	-0.2	106	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	241.035	3.6	118	0.01
59 T	2-Hexanone	250.000	257.953	-3.2	106	0.01
60 T	Dibromochloromethane	50.000	50.143	-0.3	106	0.01
61 T	1,2-Dibromoethane	50.000	49.899	0.2	104	0.01
62 S	4-Bromofluorobenzene	50.000	49.834	0.3	104	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.01
64 T	Tetrachloroethene	50.000	50.503	-1.0	109	0.02
65 PM	Chlorobenzene	50.000	49.271	1.5	105	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	50.873	-1.7	106	0.01
67 C	Ethyl Benzene	50.000	48.855	2.3#	103	0.00
68 T	m/p-Xylenes	100.000	98.684	1.3	104	0.00
69 T	o-Xylene	50.000	48.748	2.5	103	0.01
70 T	Styrene	50.000	50.215	-0.4	105	0.00
71 P	Bromoform	50.000	50.784	-1.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	48.082	3.8	102	0.01
74 T	N-amyl acetate	50.000	50.493	-1.0	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.560	0.9	104	0.00
76 T	1,2,3-Trichloropropane	50.000	51.149	-2.3	108	0.01
77 T	Bromobenzene	50.000	48.480	3.0	103	0.00
78 T	n-propylbenzene	50.000	48.567	2.9	102	0.01
79 T	2-Chlorotoluene	50.000	48.639	2.7	104	0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.555	2.9	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.949	0.1	106	0.00
82 T	4-Chlorotoluene	50.000	48.080	3.8	102	0.00
83 T	tert-Butylbenzene	50.000	48.943	2.1	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.711	2.6	104	0.00
85 T	sec-Butylbenzene	50.000	49.109	1.8	102	0.00
86 T	p-Isopropyltoluene	50.000	48.732	2.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	48.195	3.6	102	0.00
88 T	1,4-Dichlorobenzene	50.000	48.562	2.9	104	0.00
89 T	n-Butylbenzene	50.000	48.723	2.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.583	0.8	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.912	2.2	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.369	1.3	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.926	4.1	106	0.00
94 T	Hexachlorobutadiene	50.000	47.904	4.2	104	0.00
95 T	Naphthalene	50.000	49.743	0.5	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.210	3.6	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6