

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012320\
 Data File : VY001344.D
 Acq On : 23 Jan 2020 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 07:20:14 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	48.205	3.6	112	0.00
3 P	Chloromethane	50.000	45.460	9.1	110	0.00
4 C	Vinyl Chloride	50.000	47.198	5.6#	111	0.00
5 T	Bromomethane	50.000	44.823	10.4	110	0.00
6 T	Chloroethane	50.000	46.234	7.5	109	0.00
7 T	Trichlorofluoromethane	50.000	48.294	3.4	113	0.00
8 T	Diethyl Ether	50.000	43.867	12.3	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.013	2.0	114	0.00
10 T	Methyl Iodide	50.000	46.992	6.0	104	0.00
11 T	Tert butyl alcohol	250.000	212.663	14.9	106	0.00
12 CM	1,1-Dichloroethene	50.000	46.951	6.1#	112	0.00
13 T	Acrolein	250.000	354.632	-41.9#	179	0.00
14 T	Allyl chloride	50.000	46.711	6.6	110	0.00
15 T	Acrylonitrile	250.000	222.777	10.9	106	0.00
16 T	Acetone	250.000	283.033	-13.2	127	0.00
17 T	Carbon Disulfide	50.000	46.143	7.7	110	0.00
18 T	Methyl Acetate	50.000	41.981	16.0	105	-0.01
19 T	Methyl tert-butyl Ether	50.000	44.625	10.8	106	0.00
20 T	Methylene Chloride	50.000	41.343	17.3	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.222	7.6	110	0.00
22 T	Diisopropyl ether	50.000	45.280	9.4	108	0.00
23 T	Vinyl Acetate	250.000	226.963	9.2	107	0.00
24 P	1,1-Dichloroethane	50.000	46.278	7.4	110	0.00
25 T	2-Butanone	250.000	237.937	4.8	114	0.00
26 T	2,2-Dichloropropane	50.000	46.068	7.9	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.838	8.3	109	0.00
28 T	Bromochloromethane	50.000	50.062	-0.1	114	0.00
29 T	Tetrahydrofuran	250.000	221.524	11.4	106	0.00
30 C	Chloroform	50.000	45.363	9.3#	109	0.00
31 T	Cyclohexane	50.000	46.440	7.1	114	0.00
32 T	1,1,1-Trichloroethane	50.000	47.079	5.8	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.560	8.9	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	45.613	8.8	103	0.00
36 T	1,1-Dichloropropene	50.000	48.454	3.1	112	0.00
37 T	Ethyl Acetate	50.000	46.107	7.8	106	0.00
38 T	Carbon Tetrachloride	50.000	49.696	0.6	113	0.00
39 T	Methylcyclohexane	50.000	50.255	-0.5	114	0.00
40 TM	Benzene	50.000	47.723	4.6	109	0.00
41 T	Methacrylonitrile	50.000	49.884	0.2	120	0.00
42 TM	1,2-Dichloroethane	50.000	46.785	6.4	107	0.00
43 T	Isopropyl Acetate	50.000	46.627	6.7	105	0.00
44 TM	Trichloroethene	50.000	47.412	5.2	110	0.01
45 C	1,2-Dichloropropane	50.000	47.641	4.7#	109	0.00

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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	46.483	7.0	107	0.00
47 T	Bromodichloromethane	50.000	47.473	5.1	109	0.01
48 T	Methyl methacrylate	50.000	46.140	7.7	105	0.00
49 T	1,4-Dioxane	1000.000	926.064	7.4	108	0.00
50 S	Toluene-d8	50.000	48.924	2.2	105	0.01
51 T	4-Methyl-2-Pentanone	250.000	232.191	7.1	106	0.00
52 CM	Toluene	50.000	47.553	4.9#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	47.760	4.5	107	0.01
54 T	cis-1,3-Dichloropropene	50.000	47.996	4.0	109	0.00
55 T	1,1,2-Trichloroethane	50.000	46.082	7.8	104	0.01
56 T	Ethyl methacrylate	50.000	47.070	5.9	106	0.01
57 T	1,3-Dichloropropane	50.000	46.735	6.5	106	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	224.632	10.1	118	0.00
59 T	2-Hexanone	250.000	249.640	0.1	111	0.01
60 T	Dibromochloromethane	50.000	47.819	4.4	109	0.01
61 T	1,2-Dibromoethane	50.000	46.799	6.4	105	0.01
62 S	4-Bromofluorobenzene	50.000	45.516	9.0	103	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	48.325	3.3	112	0.01
65 PM	Chlorobenzene	50.000	47.927	4.1	109	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	48.094	3.8	108	0.01
67 C	Ethyl Benzene	50.000	48.352	3.3#	110	0.00
68 T	m/p-Xylenes	100.000	97.429	2.6	110	0.00
69 T	o-Xylene	50.000	48.382	3.2	109	0.01
70 T	Styrene	50.000	48.664	2.7	110	0.00
71 P	Bromoform	50.000	47.646	4.7	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	49.318	1.4	111	0.01
74 T	N-amyl acetate	50.000	47.999	4.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.675	4.7	106	0.00
76 T	1,2,3-Trichloropropane	50.000	41.044	17.9	91	0.01
77 T	Bromobenzene	50.000	47.473	5.1	107	0.00
78 T	n-propylbenzene	50.000	49.631	0.7	111	0.01
79 T	2-Chlorotoluene	50.000	48.674	2.7	110	0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.869	2.3	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.508	3.0	109	0.00
82 T	4-Chlorotoluene	50.000	48.339	3.3	109	0.00
83 T	tert-Butylbenzene	50.000	50.009	-0.0	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.952	2.1	111	0.00
85 T	sec-Butylbenzene	50.000	50.734	-1.5	111	0.00
86 T	p-Isopropyltoluene	50.000	50.043	-0.1	112	0.00
87 T	1,3-Dichlorobenzene	50.000	48.332	3.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	47.904	4.2	109	0.00
89 T	n-Butylbenzene	50.000	50.899	-1.8	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.196	-0.4	110	0.00
91 T	1,2-Dichlorobenzene	50.000	48.041	3.9	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.146	7.7	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.300	7.4	108	0.00
94 T	Hexachlorobutadiene	50.000	48.507	3.0	111	0.00
95 T	Naphthalene	50.000	46.738	6.5	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.295	7.4	107	0.00

(#) = Out of Range

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