

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064589.D
 Acq On : 26 Dec 2019 10:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 02:26:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% 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	49.336	1.3	113	0.00
3 P	Chloromethane	50.000	48.876	2.2	113	0.00
4 C	Vinyl Chloride	50.000	48.239	3.5#	113	0.00
5 T	Bromomethane	50.000	44.939	10.1	108	0.00
6 T	Chloroethane	50.000	47.347	5.3	107	0.00
7 T	Trichlorofluoromethane	50.000	47.814	4.4	110	0.00
8 T	Diethyl Ether	50.000	46.366	7.3	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.059	1.9	112	0.00
10 T	Methyl Iodide	50.000	52.084	-4.2	108	0.00
11 T	Tert butyl alcohol	250.000	249.847	0.1	106	0.00
12 CM	1,1-Dichloroethene	50.000	50.225	-0.5#	115	0.00
13 T	Acrolein	250.000	240.992	3.6	107	0.00
14 T	Allyl chloride	50.000	50.908	-1.8	116	0.00
15 T	Acrylonitrile	250.000	229.423	8.2	103	0.00
16 T	Acetone	250.000	296.532	-18.6	136	0.00
17 T	Carbon Disulfide	50.000	49.336	1.3	114	0.00
18 T	Methyl Acetate	50.000	43.525	13.0	101	0.00
19 T	Methyl tert-butyl Ether	50.000	48.060	3.9	107	0.00
20 T	Methylene Chloride	50.000	49.720	0.6	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.033	-0.1	116	0.00
22 T	Diisopropyl ether	50.000	49.197	1.6	111	0.00
23 T	Vinyl Acetate	250.000	248.705	0.5	108	0.00
24 P	1,1-Dichloroethane	50.000	50.183	-0.4	114	0.00
25 T	2-Butanone	250.000	254.268	-1.7	113	0.00
26 T	2,2-Dichloropropane	50.000	50.738	-1.5	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.341	1.3	112	0.00
28 T	Bromochloromethane	50.000	49.496	1.0	105	0.00
29 T	Tetrahydrofuran	250.000	232.202	7.1	103	0.00
30 C	Chloroform	50.000	48.327	3.3#	111	0.00
31 T	Cyclohexane	50.000	48.199	3.6	116	0.00
32 T	1,1,1-Trichloroethane	50.000	50.211	-0.4	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.661	6.7	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	48.077	3.8	104	0.00
36 T	1,1-Dichloropropene	50.000	50.038	-0.1	112	0.00
37 T	Ethyl Acetate	50.000	49.007	2.0	105	0.00
38 T	Carbon Tetrachloride	50.000	52.446	-4.9	115	0.00
39 T	Methylcyclohexane	50.000	52.065	-4.1	114	0.00
40 TM	Benzene	50.000	50.446	-0.9	113	0.00
41 T	Methacrylonitrile	50.000	49.004	2.0	99	-0.01
42 TM	1,2-Dichloroethane	50.000	49.244	1.5	109	0.00
43 T	Isopropyl Acetate	50.000	47.469	5.1	103	0.00
44 TM	Trichloroethene	50.000	50.246	-0.5	112	0.00
45 C	1,2-Dichloropropane	50.000	50.307	-0.6#	112	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.665	2.7	106	0.00
47 T	Bromodichloromethane	50.000	49.557	0.9	109	0.00
48 T	Methyl methacrylate	50.000	47.496	5.0	98	0.00
49 T	1,4-Dioxane	1000.000	962.817	3.7	108	0.00
50 S	Toluene-d8	50.000	49.353	1.3	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.389	5.8	103	0.00
52 CM	Toluene	50.000	50.353	-0.7#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	50.094	-0.2	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.587	-1.2	110	0.00
55 T	1,1,2-Trichloroethane	50.000	48.926	2.1	109	0.00
56 T	Ethyl methacrylate	50.000	48.886	2.2	105	0.00
57 T	1,3-Dichloropropane	50.000	48.055	3.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.894	10.0	105	0.00
59 T	2-Hexanone	250.000	262.463	-5.0	111	0.00
60 T	Dibromochloromethane	50.000	48.147	3.7	106	0.00
61 T	1,2-Dibromoethane	50.000	49.185	1.6	108	0.00
62 S	4-Bromofluorobenzene	50.000	48.566	2.9	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	49.913	0.2	112	0.00
65 PM	Chlorobenzene	50.000	49.006	2.0	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.613	0.8	110	0.00
67 C	Ethyl Benzene	50.000	50.465	-0.9#	111	0.00
68 T	m/p-Xylenes	100.000	100.823	-0.8	109	0.00
69 T	o-Xylene	50.000	50.070	-0.1	109	0.00
70 T	Styrene	50.000	50.369	-0.7	110	0.00
71 P	Bromoform	50.000	47.881	4.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	52.706	-5.4	110	0.00
74 T	N-amyl acetate	50.000	51.028	-2.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.956	2.1	104	0.00
76 T	1,2,3-Trichloropropane	50.000	41.259	17.5	102	0.00
77 T	Bromobenzene	50.000	50.215	-0.4	107	0.00
78 T	n-propylbenzene	50.000	52.542	-5.1	111	0.00
79 T	2-Chlorotoluene	50.000	51.110	-2.2	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.918	-5.8	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.617	-3.2	110	0.00
82 T	4-Chlorotoluene	50.000	51.541	-3.1	110	0.00
83 T	tert-Butylbenzene	50.000	52.938	-5.9	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.131	-4.3	110	0.00
85 T	sec-Butylbenzene	50.000	53.291	-6.6	112	0.00
86 T	p-Isopropyltoluene	50.000	53.095	-6.2	111	0.00
87 T	1,3-Dichlorobenzene	50.000	50.489	-1.0	108	0.00
88 T	1,4-Dichlorobenzene	50.000	50.197	-0.4	106	0.00
89 T	n-Butylbenzene	50.000	53.451	-6.9	112	0.00

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90 T	Hexachloroethane	50.000	50.994	-2.0	108	0.00
91 T	1,2-Dichlorobenzene	50.000	49.957	0.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.449	5.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.371	-0.7	106	0.00
94 T	Hexachlorobutadiene	50.000	51.676	-3.4	110	0.00
95 T	Naphthalene	50.000	49.753	0.5	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.477	-1.0	106	0.00

(#) = Out of Range

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