

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063168.D
 Acq On : 22 Jul 2019 10:53
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 23 07:56:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 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	96	0.02
2 T	Dichlorodifluoromethane	50.000	50.784	-1.6	97	0.00
3 P	Chloromethane	50.000	48.595	2.8	98	0.01
4 C	Vinyl Chloride	50.000	44.585	10.8#	101	0.01
5 T	Bromomethane	50.000	44.460	11.1	88	0.01
6 T	Chloroethane	50.000	50.492	-1.0	106	0.01
7 T	Trichlorofluoromethane	50.000	48.610	2.8	98	0.01
8 T	Diethyl Ether	50.000	56.764	-13.5	120	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.920	4.2	112	0.01
10 T	Methyl Iodide	50.000	50.176	-0.4	103	0.01
11 T	Tert butyl alcohol	250.000	262.321	-4.9	103	0.01
12 CM	1,1-Dichloroethene	50.000	45.965	8.1#	105	0.01
13 T	Acrolein	250.000	165.184	33.9#	108	0.02
14 T	Allyl chloride	50.000	49.729	0.5	101	0.01
15 T	Acrylonitrile	250.000	275.274	-10.1	114	0.03
16 T	Acetone	250.000	286.316	-14.5	105	0.01
17 T	Carbon Disulfide	50.000	42.135	15.7	95	0.01
18 T	Methyl Acetate	50.000	55.635	-11.3	113	0.01
19 T	Methyl tert-butyl Ether	50.000	54.584	-9.2	112	0.02
20 T	Methylene Chloride	50.000	45.230	9.5	98	0.01
21 T	trans-1,2-Dichloroethene	50.000	49.560	0.9	111	0.01
22 T	Diisopropyl ether	50.000	53.472	-6.9	108	0.02
23 T	Vinyl Acetate	250.000	295.210	-18.1	112	0.02
24 P	1,1-Dichloroethane	50.000	51.840	-3.7	105	0.02
25 T	2-Butanone	250.000	291.337	-16.5	114	0.02
26 T	2,2-Dichloropropane	50.000	50.469	-0.9	104	0.02
27 T	cis-1,2-Dichloroethene	50.000	48.806	2.4	102	0.03
28 T	Bromochloromethane	50.000	47.075	5.8	94	0.01
29	Tetrahydrofuran	250.000	279.881	-12.0	111	0.02
30 C	Chloroform	50.000	50.913	-1.8#	106	0.02
31 T	Cyclohexane	50.000	47.977	4.0	104	0.03
32 T	1,1,1-Trichloroethane	50.000	50.566	-1.1	104	0.02
33 S	1,2-Dichloroethane-d4	50.000	45.591	8.8	90	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.02
35 S	Dibromofluoromethane	50.000	48.919	2.2	98	0.02
36 T	1,1-Dichloropropene	50.000	48.229	3.5	102	0.02
37 T	Ethyl Acetate	50.000	60.971	-21.9#	117	0.02
38 T	Carbon Tetrachloride	50.000	49.120	1.8	102	0.02
39 T	Methylcyclohexane	50.000	46.371	7.3	102	0.02
40 TM	Benzene	50.000	50.527	-1.1	102	0.01
41 T	Methacrylonitrile	50.000	55.881	-11.8	114	0.03
42 TM	1,2-Dichloroethane	50.000	51.810	-3.6	107	0.02
43 T	Isopropyl Acetate	50.000	57.577	-15.2	112	0.02
44 TM	Trichloroethene	50.000	52.381	-4.8	111	0.02
45 C	1,2-Dichloropropane	50.000	53.552	-7.1#	112	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.029	-8.1	109	0.01
47 T	Bromodichloromethane	50.000	52.985	-6.0	107	0.01
48 T	Methyl methacrylate	50.000	56.073	-12.1	112	0.02
49 T	1,4-Dioxane	1000.000	1185.364	-18.5	109	0.02
50 S	Toluene-d8	50.000	44.605	10.8	91	0.01
51 T	4-Methyl-2-Pentanone	250.000	299.829	-19.9	114	0.02
52 CM	Toluene	50.000	51.377	-2.8#	107	0.02
53 T	t-1,3-Dichloropropene	50.000	55.517	-11.0	110	0.02
54 T	cis-1,3-Dichloropropene	50.000	55.281	-10.6	107	0.02
55 T	1,1,2-Trichloroethane	50.000	56.073	-12.1	113	0.02
56 T	Ethyl methacrylate	50.000	58.301	-16.6	115	0.02
57 T	1,3-Dichloropropane	50.000	54.387	-8.8	114	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	264.204	-5.7	97	0.02
59 T	2-Hexanone	250.000	306.995	-22.8#	115	0.01
60 T	Dibromochloromethane	50.000	53.712	-7.4	106	0.01
61 T	1,2-Dibromoethane	50.000	53.459	-6.9	110	0.01
62 S	4-Bromofluorobenzene	50.000	45.564	8.9	94	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.01
64 T	Tetrachloroethene	50.000	48.489	3.0	108	0.02
65 PM	Chlorobenzene	50.000	52.119	-4.2	108	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.042	-6.1	112	0.01
67 C	Ethyl Benzene	50.000	49.961	0.1#	107	0.01
68 T	m/p-Xylenes	100.000	94.958	5.0	104	0.01
69 T	o-Xylene	50.000	48.632	2.7	102	0.00
70 T	Styrene	50.000	49.895	0.2	103	0.01
71 P	Bromoform	50.000	59.281	-18.6	119	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.661	-1.3	108	0.00
74 T	N-amyl acetate	50.000	53.758	-7.5	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.743	-5.5	106	0.00
76 T	1,2,3-Trichloropropane	50.000	54.776	-9.6	108	0.01
77 T	Bromobenzene	50.000	52.991	-6.0	110	0.00
78 T	n-propylbenzene	50.000	52.053	-4.1	104	0.01
79 T	2-Chlorotoluene	50.000	47.997	4.0	101	0.01
80 T	1,3,5-Trimethylbenzene	50.000	46.891	6.2	100	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	58.584	-17.2	118	0.00
82 T	4-Chlorotoluene	50.000	50.098	-0.2	105	0.00
83 T	tert-Butylbenzene	50.000	48.743	2.5	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.116	3.8	100	0.01
85 T	sec-Butylbenzene	50.000	47.347	5.3	99	0.00
86 T	p-Isopropyltoluene	50.000	51.909	-3.8	113	0.01
87 T	1,3-Dichlorobenzene	50.000	51.723	-3.4	111	0.00
88 T	1,4-Dichlorobenzene	50.000	50.497	-1.0	106	0.00
89 T	n-Butylbenzene	50.000	47.131	5.7	100	0.01

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90 T	Hexachloroethane	50.000	50.300	-0.6	103	0.00
91 T	1,2-Dichlorobenzene	50.000	49.541	0.9	104	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.645	-19.3	118	0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.028	-6.1	106	0.00
94 T	Hexachlorobutadiene	50.000	49.781	0.4	99	0.01
95 T	Naphthalene	50.000	56.763	-13.5	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.050	-8.1	107	0.00

(#) = Out of Range

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