

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062998.D
 Acq On : 1 Jul 2019 18:52
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 02 08:16:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	42.235	15.5	89	-0.01
3 P	Chloromethane	50.000	44.885	10.2	98	0.00
4 C	Vinyl Chloride	50.000	47.134	5.7#	96	0.00
5 T	Bromomethane	50.000	51.944	-3.9	94	-0.01
6 T	Chloroethane	50.000	53.743	-7.5	105	0.00
7 T	Trichlorofluoromethane	50.000	50.768	-1.5	103	0.00
8 T	Diethyl Ether	50.000	48.853	2.3	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.260	-2.5	108	-0.01
10 T	Methyl Iodide	50.000	54.798	-9.6	108	-0.01
11 T	Tert butyl alcohol	250.000	264.978	-6.0	117	-0.01
12 CM	1,1-Dichloroethene	50.000	50.641	-1.3#	106	-0.01
13 T	Acrolein	250.000	211.072	15.6	93	0.00
14 T	Allyl chloride	50.000	54.640	-9.3	109	-0.01
15 T	Acrylonitrile	250.000	288.191	-15.3	117	-0.01
16 T	Acetone	250.000	253.173	-1.3	105	-0.01
17 T	Carbon Disulfide	50.000	47.258	5.5	96	-0.01
18 T	Methyl Acetate	50.000	58.536	-17.1	125	0.00
19 T	Methyl tert-butyl Ether	50.000	53.279	-6.6	103	-0.01
20 T	Methylene Chloride	50.000	54.888	-9.8	116	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.133	-4.3	107	-0.01
22 T	Diisopropyl ether	50.000	55.398	-10.8	114	-0.01
23 T	Vinyl Acetate	250.000	272.412	-9.0	110	0.00
24 P	1,1-Dichloroethane	50.000	53.552	-7.1	108	-0.01
25 T	2-Butanone	250.000	279.952	-12.0	113	0.00
26 T	2,2-Dichloropropane	50.000	51.988	-4.0	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.322	-8.6	111	-0.01
28 T	Bromochloromethane	50.000	54.259	-8.5	113	-0.01
29	Tetrahydrofuran	250.000	270.881	-8.4	113	-0.01
30 C	Chloroform	50.000	52.229	-4.5#	106	-0.01
31 T	Cyclohexane	50.000	49.918	0.2	102	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.231	-0.5	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.201	9.6	99	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	43.423	13.2	103	-0.01
36 T	1,1-Dichloropropene	50.000	48.920	2.2	102	0.00
37 T	Ethyl Acetate	50.000	49.529	0.9	108	0.00
38 T	Carbon Tetrachloride	50.000	48.600	2.8	103	-0.01
39 T	Methylcyclohexane	50.000	47.486	5.0	100	-0.01
40 TM	Benzene	50.000	54.146	-8.3	114	-0.01
41 T	Methacrylonitrile	50.000	50.253	-0.5	108	0.00
42 TM	1,2-Dichloroethane	50.000	50.089	-0.2	104	0.00
43 T	Isopropyl Acetate	50.000	52.655	-5.3	108	0.00
44 TM	Trichloroethene	50.000	53.053	-6.1	111	0.00
45 C	1,2-Dichloropropane	50.000	50.827	-1.7#	110	-0.01

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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	51.206	-2.4	111	-0.01
47 T	Bromodichloromethane	50.000	50.189	-0.4	101	-0.01
48 T	Methyl methacrylate	50.000	50.873	-1.7	113	0.00
49 T	1,4-Dioxane	1000.000	1004.815	-0.5	109	-0.01
50 S	Toluene-d8	50.000	41.715	16.6	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.236	-0.9	110	0.00
52 CM	Toluene	50.000	51.180	-2.4#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	52.814	-5.6	113	-0.01
54 T	cis-1,3-Dichloropropene	50.000	52.595	-5.2	110	0.00
55 T	1,1,2-Trichloroethane	50.000	51.480	-3.0	115	0.00
56 T	Ethyl methacrylate	50.000	53.157	-6.3	112	0.00
57 T	1,3-Dichloropropane	50.000	50.534	-1.1	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.022	-7.6	118	0.00
59 T	2-Hexanone	250.000	253.264	-1.3	107	0.00
60 T	Dibromochloromethane	50.000	50.571	-1.1	108	-0.01
61 T	1,2-Dibromoethane	50.000	53.936	-7.9	115	-0.01
62 S	4-Bromofluorobenzene	50.000	42.407	15.2	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	-0.01
64 T	Tetrachloroethene	50.000	50.872	-1.7	104	0.00
65 PM	Chlorobenzene	50.000	56.119	-12.2	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.170	-6.3	104	0.00
67 C	Ethyl Benzene	50.000	53.131	-6.3#	108	-0.01
68 T	m/p-Xylenes	100.000	108.402	-8.4	105	0.00
69 T	o-Xylene	50.000	53.350	-6.7	100	0.00
70 T	Styrene	50.000	55.468	-10.9	107	0.00
71 P	Bromoform	50.000	53.682	-7.4	104	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	54.186	-8.4	106	-0.01
74 T	N-amyl acetate	50.000	58.021	-16.0	107	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	56.847	-13.7	117	0.00
76 T	1,2,3-Trichloropropane	50.000	58.109	-16.2	113	0.00
77 T	Bromobenzene	50.000	55.576	-11.2	105	0.00
78 T	n-propylbenzene	50.000	55.755	-11.5	114	-0.01
79 T	2-Chlorotoluene	50.000	56.124	-12.2	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.017	-4.0	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	59.799	-19.6	117	0.00
82 T	4-Chlorotoluene	50.000	52.637	-5.3	106	0.00
83 T	tert-Butylbenzene	50.000	55.614	-11.2	108	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	53.738	-7.5	102	-0.01
85 T	sec-Butylbenzene	50.000	51.400	-2.8	103	0.00
86 T	p-Isopropyltoluene	50.000	55.372	-10.7	104	0.00
87 T	1,3-Dichlorobenzene	50.000	53.747	-7.5	104	-0.01
88 T	1,4-Dichlorobenzene	50.000	55.020	-10.0	107	0.00
89 T	n-Butylbenzene	50.000	53.645	-7.3	109	0.00

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90 T	Hexachloroethane	50.000	56.740	-13.5	106	-0.01
91 T	1,2-Dichlorobenzene	50.000	54.434	-8.9	107	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.508	-15.0	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.787	-7.6	109	0.00
94 T	Hexachlorobutadiene	50.000	52.933	-5.9	104	0.00
95 T	Naphthalene	50.000	58.008	-16.0	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.421	-8.8	108	0.00

(#) = Out of Range

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