

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063067.D
 Acq On : 10 Jul 2019 19:26
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 07:50:47 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	107	-0.01
2 T	Dichlorodifluoromethane	50.000	37.248	25.5#	81	0.00
3 P	Chloromethane	50.000	37.218	25.6#	83	0.00
4 C	Vinyl Chloride	50.000	42.797	14.4#	90	0.00
5 T	Bromomethane	50.000	42.596	14.8	79	-0.01
6 T	Chloroethane	50.000	44.433	11.1	89	0.00
7 T	Trichlorofluoromethane	50.000	45.815	8.4	96	-0.01
8 T	Diethyl Ether	50.000	45.631	8.7	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.316	13.4	94	-0.01
10 T	Methyl Iodide	50.000	47.141	5.7	95	-0.01
11 T	Tert butyl alcohol	250.000	264.338	-5.7	120	0.00
12 CM	1,1-Dichloroethene	50.000	40.518	19.0#	87	-0.01
13 T	Acrolein	250.000	167.198	33.1#	76	0.00
14 T	Allyl chloride	50.000	49.901	0.2	102	-0.01
15 T	Acrylonitrile	250.000	286.428	-14.6	120	-0.01
16 T	Acetone	250.000	225.753	9.7	96	-0.01
17 T	Carbon Disulfide	50.000	39.297	21.4#	82	-0.01
18 T	Methyl Acetate	50.000	64.657	-29.3#	142	0.00
19 T	Methyl tert-butyl Ether	50.000	55.273	-10.5	110	-0.01
20 T	Methylene Chloride	50.000	48.285	3.4	105	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.826	0.3	105	-0.01
22 T	Diisopropyl ether	50.000	54.112	-8.2	114	-0.01
23 T	Vinyl Acetate	250.000	264.364	-5.7	109	-0.01
24 P	1,1-Dichloroethane	50.000	52.722	-5.4	109	-0.02
25 T	2-Butanone	250.000	280.568	-12.2	117	-0.01
26 T	2,2-Dichloropropane	50.000	47.471	5.1	97	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.773	-1.5	107	-0.01
28 T	Bromochloromethane	50.000	54.758	-9.5	117	-0.01
29	Tetrahydrofuran	250.000	285.104	-14.0	122	-0.01
30 C	Chloroform	50.000	53.209	-6.4#	111	-0.01
31 T	Cyclohexane	50.000	48.967	2.1	103	-0.01
32 T	1,1,1-Trichloroethane	50.000	46.091	7.8	94	-0.01
33 S	1,2-Dichloroethane-d4	50.000	46.576	6.8	105	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	48.027	3.9	111	-0.01
36 T	1,1-Dichloropropene	50.000	48.442	3.1	99	-0.01
37 T	Ethyl Acetate	50.000	52.044	-4.1	110	-0.01
38 T	Carbon Tetrachloride	50.000	48.930	2.1	101	-0.01
39 T	Methylcyclohexane	50.000	46.497	7.0	95	-0.01
40 TM	Benzene	50.000	52.749	-5.5	108	-0.01
41 T	Methacrylonitrile	50.000	54.906	-9.8	115	0.00
42 TM	1,2-Dichloroethane	50.000	50.895	-1.8	103	-0.01
43 T	Isopropyl Acetate	50.000	59.938	-19.9	119	-0.01
44 TM	Trichloroethene	50.000	52.871	-5.7	107	-0.01
45 C	1,2-Dichloropropane	50.000	51.527	-3.1#	108	-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	50.740	-1.5	107	0.00
47 T	Bromodichloromethane	50.000	51.386	-2.8	100	-0.01
48 T	Methyl methacrylate	50.000	52.853	-5.7	114	-0.01
49 T	1,4-Dioxane	1000.000	1060.052	-6.0	111	-0.01
50 S	Toluene-d8	50.000	49.981	0.0	107	-0.01
51 T	4-Methyl-2-Pentanone	250.000	280.508	-12.2	119	-0.01
52 CM	Toluene	50.000	51.201	-2.4#	105	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.034	-10.1	114	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.677	-3.4	105	0.00
55 T	1,1,2-Trichloroethane	50.000	51.681	-3.4	112	0.00
56 T	Ethyl methacrylate	50.000	55.564	-11.1	114	0.00
57 T	1,3-Dichloropropane	50.000	54.620	-9.2	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.262	-18.1	126	-0.01
59 T	2-Hexanone	250.000	275.481	-10.2	113	-0.01
60 T	Dibromochloromethane	50.000	54.920	-9.8	114	-0.01
61 T	1,2-Dibromoethane	50.000	53.730	-7.5	112	-0.01
62 S	4-Bromofluorobenzene	50.000	45.784	8.4	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	-0.01
64 T	Tetrachloroethene	50.000	47.830	4.3	95	-0.01
65 PM	Chlorobenzene	50.000	54.203	-8.4	103	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	52.957	-5.9	102	0.00
67 C	Ethyl Benzene	50.000	52.539	-5.1#	104	-0.01
68 T	m/p-Xylenes	100.000	107.334	-7.3	102	0.00
69 T	o-Xylene	50.000	55.404	-10.8	102	-0.01
70 T	Styrene	50.000	53.826	-7.7	102	0.00
71 P	Bromoform	50.000	54.713	-9.4	104	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	52.990	-6.0	102	-0.01
74 T	N-amyl acetate	50.000	58.685	-17.4	106	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	59.220	-18.4	119	0.00
76 T	1,2,3-Trichloropropane	50.000	56.799	-13.6	109	0.00
77 T	Bromobenzene	50.000	55.335	-10.7	102	0.00
78 T	n-propylbenzene	50.000	51.858	-3.7	104	-0.01
79 T	2-Chlorotoluene	50.000	53.859	-7.7	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.465	-0.9	99	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	59.679	-19.4	115	0.00
82 T	4-Chlorotoluene	50.000	52.123	-4.2	103	0.00
83 T	tert-Butylbenzene	50.000	51.819	-3.6	99	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.560	-3.1	96	-0.01
85 T	sec-Butylbenzene	50.000	49.004	2.0	97	-0.01
86 T	p-Isopropyltoluene	50.000	48.594	2.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	53.194	-6.4	101	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.444	-0.9	96	0.00
89 T	n-Butylbenzene	50.000	48.230	3.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.800	-3.6	95	-0.01
91 T	1,2-Dichlorobenzene	50.000	54.447	-8.9	105	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.489	-15.0	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.129	-4.3	104	0.00
94 T	Hexachlorobutadiene	50.000	50.365	-0.7	97	0.00
95 T	Naphthalene	50.000	56.200	-12.4	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.586	-11.2	108	0.00

(#) = Out of Range

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