

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD070319\
 Data File : VD063030.D
 Acq On : 3 Jul 2019 17:52
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 04 02:12:19 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	43.099	13.8	87	0.00
3 P	Chloromethane	50.000	43.904	12.2	92	0.01
4 C	Vinyl Chloride	50.000	46.489	7.0#	91	0.01
5 T	Bromomethane	50.000	46.586	6.8	81	0.00
6 T	Chloroethane	50.000	49.452	1.1	92	0.00
7 T	Trichlorofluoromethane	50.000	49.561	0.9	97	0.00
8 T	Diethyl Ether	50.000	59.183	-18.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.559	-3.1	104	0.00
10 T	Methyl Iodide	50.000	51.512	-3.0	97	0.00
11 T	Tert butyl alcohol	250.000	322.672	-29.1#	136	0.01
12 CM	1,1-Dichloroethene	50.000	49.662	0.7#	99	0.00
13 T	Acrolein	250.000	196.130	21.5#	83	0.01
14 T	Allyl chloride	50.000	53.021	-6.0	101	0.00
15 T	Acrylonitrile	250.000	298.480	-19.4	117	0.00
16 T	Acetone	250.000	270.290	-8.1	107	0.00
17 T	Carbon Disulfide	50.000	43.383	13.2	85	0.00
18 T	Methyl Acetate	50.000	63.185	-26.4#	129	0.00
19 T	Methyl tert-butyl Ether	50.000	58.023	-16.0	108	0.00
20 T	Methylene Chloride	50.000	49.694	0.6	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.881	-7.8	106	0.00
22 T	Diisopropyl ether	50.000	54.694	-9.4	108	0.00
23 T	Vinyl Acetate	250.000	286.613	-14.6	111	0.00
24 P	1,1-Dichloroethane	50.000	53.054	-6.1	102	0.00
25 T	2-Butanone	250.000	304.288	-21.7#	118	0.01
26 T	2,2-Dichloropropane	50.000	52.730	-5.5	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.565	-7.1	105	0.00
28 T	Bromochloromethane	50.000	54.918	-9.8	110	0.00
29	Tetrahydrofuran	250.000	300.398	-20.2#	120	0.01
30 C	Chloroform	50.000	54.563	-9.1#	106	0.00
31 T	Cyclohexane	50.000	51.403	-2.8	100	0.00
32 T	1,1,1-Trichloroethane	50.000	54.542	-9.1	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.135	3.7	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	47.833	4.3	105	0.00
36 T	1,1-Dichloropropene	50.000	53.685	-7.4	104	0.01
37 T	Ethyl Acetate	50.000	55.395	-10.8	111	0.00
38 T	Carbon Tetrachloride	50.000	51.618	-3.2	102	0.00
39 T	Methylcyclohexane	50.000	51.795	-3.6	101	0.00
40 TM	Benzene	50.000	54.032	-8.1	105	0.00
41 T	Methacrylonitrile	50.000	57.781	-15.6	115	0.01
42 TM	1,2-Dichloroethane	50.000	55.116	-10.2	106	0.00
43 T	Isopropyl Acetate	50.000	60.978	-22.0#	116	0.00
44 TM	Trichloroethene	50.000	55.862	-11.7	108	0.00
45 C	1,2-Dichloropropane	50.000	53.865	-7.7#	108	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	57.930	-15.9	116	0.00
47 T	Bromodichloromethane	50.000	57.076	-14.2	106	0.00
48 T	Methyl methacrylate	50.000	56.122	-12.2	116	0.00
49 T	1,4-Dioxane	1000.000	1325.950	-32.6#	133	0.00
50 S	Toluene-d8	50.000	46.550	6.9	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	311.782	-24.7#	126	0.00
52 CM	Toluene	50.000	55.755	-11.5#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	54.210	-8.4	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.134	-10.3	107	0.00
55 T	1,1,2-Trichloroethane	50.000	55.197	-10.4	114	0.00
56 T	Ethyl methacrylate	50.000	60.236	-20.5#	117	0.00
57 T	1,3-Dichloropropane	50.000	57.600	-15.2	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	306.092	-22.4#	125	0.00
59 T	2-Hexanone	250.000	307.660	-23.1#	120	0.00
60 T	Dibromochloromethane	50.000	54.887	-9.8	108	0.00
61 T	1,2-Dibromoethane	50.000	57.357	-14.7	114	0.00
62 S	4-Bromofluorobenzene	50.000	46.263	7.5	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	49.574	0.9	103	0.00
65 PM	Chlorobenzene	50.000	53.642	-7.3	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.727	-7.5	107	0.00
67 C	Ethyl Benzene	50.000	52.158	-4.3#	108	0.00
68 T	m/p-Xylenes	100.000	111.281	-11.3	109	0.00
69 T	o-Xylene	50.000	52.880	-5.8	101	0.00
70 T	Styrene	50.000	53.833	-7.7	106	0.00
71 P	Bromoform	50.000	58.765	-17.5	116	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	55.813	-11.6	110	0.00
74 T	N-amyl acetate	50.000	61.694	-23.4#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	64.130	-28.3#	132	0.00
76 T	1,2,3-Trichloropropane	50.000	62.198	-24.4#	122	0.00
77 T	Bromobenzene	50.000	56.889	-13.8	108	0.00
78 T	n-propylbenzene	50.000	53.768	-7.5	110	0.00
79 T	2-Chlorotoluene	50.000	54.582	-9.2	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.004	-12.0	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	61.001	-22.0#	120	0.00
82 T	4-Chlorotoluene	50.000	55.186	-10.4	112	0.00
83 T	tert-Butylbenzene	50.000	53.937	-7.9	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.857	-11.7	107	0.00
85 T	sec-Butylbenzene	50.000	52.280	-4.6	106	0.00
86 T	p-Isopropyltoluene	50.000	54.544	-9.1	103	0.00
87 T	1,3-Dichlorobenzene	50.000	54.440	-8.9	106	0.00
88 T	1,4-Dichlorobenzene	50.000	54.421	-8.8	107	0.00
89 T	n-Butylbenzene	50.000	53.492	-7.0	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.478	-11.0	104	0.00
91 T	1,2-Dichlorobenzene	50.000	59.313	-18.6	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.843	-25.7#	119	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.814	-9.6	112	0.00
94 T	Hexachlorobutadiene	50.000	50.704	-1.4	100	0.00
95 T	Naphthalene	50.000	60.542	-21.1#	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.830	-13.7	113	0.00

(#) = Out of Range

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