

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041019\
 Data File : VD061708.D
 Acq On : 10 Apr 2019 12:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 11 01:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 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	0.03
2 T	Dichlorodifluoromethane	50.000	49.007	2.0	102	0.01
3 P	Chloromethane	50.000	43.626	12.7	94	0.02
4 C	Vinyl Chloride	50.000	47.166	5.7#	101	0.01
5 T	Bromomethane	50.000	44.032	11.9	94	0.01
6 T	Chloroethane	50.000	52.721	-5.4	96	0.01
7 T	Trichlorofluoromethane	50.000	50.970	-1.9	111	0.02
8 T	Diethyl Ether	50.000	47.748	4.5	99	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.445	1.1	104	0.02
10 T	Methyl Iodide	50.000	48.217	3.6	99	0.02
11 T	Tert butyl alcohol	250.000	241.280	3.5	98	0.02
12 CM	1,1-Dichloroethene	50.000	48.269	3.5#	99	0.02
13 T	Acrolein	250.000	288.070	-15.2	146	0.02
14 T	Allyl chloride	50.000	48.625	2.8	97	0.02
15 T	Acrylonitrile	250.000	208.046	16.8	83	0.02
16 T	Acetone	250.000	262.049	-4.8	101	0.02
17 T	Carbon Disulfide	50.000	43.815	12.4	87	0.02
18 T	Methyl Acetate	50.000	44.981	10.0	95	0.03
19 T	Methyl tert-butyl Ether	50.000	43.094	13.8	87	0.04
20 T	Methylene Chloride	50.000	44.986	10.0	104	0.03
21 T	trans-1,2-Dichloroethene	50.000	42.717	14.6	84	0.03
22 T	Diisopropyl ether	50.000	47.868	4.3	103	0.03
23 T	Vinyl Acetate	250.000	240.916	3.6	95	0.04
24 P	1,1-Dichloroethane	50.000	49.120	1.8	102	0.04
25 T	2-Butanone	250.000	235.749	5.7	95	0.03
26 T	2,2-Dichloropropane	50.000	49.370	1.3	101	0.03
27 T	cis-1,2-Dichloroethene	50.000	46.664	6.7	94	0.03
28 T	Bromochloromethane	50.000	48.525	3.0	96	0.03
29	Tetrahydrofuran	250.000	218.577	12.6	92	0.03
30 C	Chloroform	50.000	49.359	1.3#	103	0.03
31 T	Cyclohexane	50.000	44.162	11.7	89	0.03
32 T	1,1,1-Trichloroethane	50.000	48.289	3.4	101	0.03
33 S	1,2-Dichloroethane-d4	50.000	47.244	5.5	100	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.03
35 S	Dibromofluoromethane	50.000	50.682	-1.4	99	0.03
36 T	1,1-Dichloropropene	50.000	51.370	-2.7	96	0.03
37 T	Ethyl Acetate	50.000	49.692	0.6	89	0.03
38 T	Carbon Tetrachloride	50.000	54.407	-8.8	106	0.03
39 T	Methylcyclohexane	50.000	50.478	-1.0	91	0.02
40 TM	Benzene	50.000	51.392	-2.8	94	0.03
41 T	Methacrylonitrile	50.000	48.972	2.1	92	0.03
42 TM	1,2-Dichloroethane	50.000	52.763	-5.5	96	0.03
43 T	Isopropyl Acetate	50.000	51.962	-3.9	96	0.02
44 TM	Trichloroethene	50.000	52.008	-4.0	96	0.03
45 C	1,2-Dichloropropane	50.000	50.800	-1.6#	94	0.02

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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	52.115	-4.2	99	0.03
47 T	Bromodichloromethane	50.000	52.025	-4.0	100	0.02
48 T	Methyl methacrylate	50.000	51.070	-2.1	96	0.02
49 T	1,4-Dioxane	1000.000	1124.341	-12.4	103	0.03
50 S	Toluene-d8	50.000	44.701	10.6	96	0.03
51 T	4-Methyl-2-Pentanone	250.000	275.357	-10.1	105	0.02
52 CM	Toluene	50.000	47.872	4.3#	89	0.02
53 T	t-1,3-Dichloropropene	50.000	53.284	-6.6	95	0.02
54 T	cis-1,3-Dichloropropene	50.000	53.399	-6.8	95	0.02
55 T	1,1,2-Trichloroethane	50.000	49.439	1.1	95	0.03
56 T	Ethyl methacrylate	50.000	51.338	-2.7	95	0.02
57 T	1,3-Dichloropropane	50.000	53.460	-6.9	99	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	242.438	3.0	96	0.02
59 T	2-Hexanone	250.000	267.204	-6.9	101	0.02
60 T	Dibromochloromethane	50.000	52.463	-4.9	97	0.02
61 T	1,2-Dibromoethane	50.000	54.244	-8.5	99	0.02
62 S	4-Bromofluorobenzene	50.000	51.115	-2.2	95	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.02
64 T	Tetrachloroethene	50.000	49.024	2.0	101	0.02
65 PM	Chlorobenzene	50.000	45.734	8.5	88	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.496	1.0	98	0.01
67 C	Ethyl Benzene	50.000	45.229	9.5#	95	0.01
68 T	m/p-Xylenes	100.000	98.864	1.1	95	0.01
69 T	o-Xylene	50.000	47.890	4.2	94	0.02
70 T	Styrene	50.000	46.651	6.7	97	0.01
71 P	Bromoform	50.000	51.958	-3.9	104	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.01
73 T	Isopropylbenzene	50.000	50.079	-0.2	103	0.02
74 T	N-amyl acetate	50.000	48.654	2.7	90	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.506	-3.0	100	0.00
76 T	1,2,3-Trichloropropane	50.000	49.288	1.4	93	0.01
77 T	Bromobenzene	50.000	53.131	-6.3	101	0.02
78 T	n-propylbenzene	50.000	47.873	4.3	100	0.01
79 T	2-Chlorotoluene	50.000	47.010	6.0	88	0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.756	-1.5	101	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	54.061	-8.1	104	0.01
82 T	4-Chlorotoluene	50.000	51.969	-3.9	104	0.01
83 T	tert-Butylbenzene	50.000	49.351	1.3	92	0.01
84 T	1,2,4-Trimethylbenzene	50.000	46.858	6.3	93	0.01
85 T	sec-Butylbenzene	50.000	50.677	-1.4	98	0.01
86 T	p-Isopropyltoluene	50.000	49.864	0.3	96	0.01
87 T	1,3-Dichlorobenzene	50.000	53.669	-7.3	106	0.01
88 T	1,4-Dichlorobenzene	50.000	48.984	2.0	97	0.01
89 T	n-Butylbenzene	50.000	50.100	-0.2	99	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.064	-8.1	105	0.01
91 T	1,2-Dichlorobenzene	50.000	47.284	5.4	93	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.777	-3.6	94	0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.756	2.5	90	0.00
94 T	Hexachlorobutadiene	50.000	49.657	0.7	86	0.01
95 T	Naphthalene	50.000	47.190	5.6	86	0.01
96 T	1,2,3-Trichlorobenzene	50.000	46.440	7.1	79	0.00

(#) = Out of Range

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