

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050919\
 Data File : VD062185.D
 Acq On : 9 May 2019 13:23
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 10 04:26:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	52.745	-5.5	114	0.00
3 P	Chloromethane	50.000	49.553	0.9	114	0.00
4 C	Vinyl Chloride	50.000	55.183	-10.4#	116	0.00
5 T	Bromomethane	50.000	67.809	-35.6#	139	0.00
6 T	Chloroethane	50.000	58.375	-16.8	117	0.00
7 T	Trichlorofluoromethane	50.000	54.144	-8.3	117	0.00
8 T	Diethyl Ether	50.000	54.790	-9.6	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.449	-2.9	108	0.00
10 T	Methyl Iodide	50.000	52.770	-5.5	114	0.00
11 T	Tert butyl alcohol	250.000	262.605	-5.0	119	0.00
12 CM	1,1-Dichloroethene	50.000	54.698	-9.4#	110	0.00
13 T	Acrolein	250.000	209.950	16.0	96	0.00
14 T	Allyl chloride	50.000	55.131	-10.3	116	0.00
15 T	Acrylonitrile	250.000	267.526	-7.0	119	0.00
16 T	Acetone	250.000	320.312	-28.1#	137	0.00
17 T	Carbon Disulfide	50.000	57.945	-15.9	123	0.00
18 T	Methyl Acetate	50.000	53.350	-6.7	120	0.00
19 T	Methyl tert-butyl Ether	50.000	52.224	-4.4	113	0.00
20 T	Methylene Chloride	50.000	53.823	-7.6	122	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.032	-8.1	112	0.00
22 T	Diisopropyl ether	50.000	57.295	-14.6	125	0.00
23 T	Vinyl Acetate	250.000	301.393	-20.6#	127	0.00
24 P	1,1-Dichloroethane	50.000	55.842	-11.7	125	0.00
25 T	2-Butanone	250.000	292.821	-17.1	134	0.00
26 T	2,2-Dichloropropane	50.000	57.736	-15.5	130	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.104	-14.2	128	0.00
28 T	Bromochloromethane	50.000	55.521	-11.0	123	0.00
29	Tetrahydrofuran	250.000	270.236	-8.1	127	0.00
30 C	Chloroform	50.000	55.796	-11.6#	122	0.00
31 T	Cyclohexane	50.000	59.710	-19.4	127	0.00
32 T	1,1,1-Trichloroethane	50.000	58.220	-16.4	125	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.764	-1.5	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	56.210	-12.4	109	0.00
36 T	1,1-Dichloropropene	50.000	58.818	-17.6	122	0.00
37 T	Ethyl Acetate	50.000	57.792	-15.6	118	0.00
38 T	Carbon Tetrachloride	50.000	60.465	-20.9#	123	0.00
39 T	Methylcyclohexane	50.000	58.967	-17.9	117	0.00
40 TM	Benzene	50.000	58.867	-17.7	122	0.00
41 T	Methacrylonitrile	50.000	60.152	-20.3#	127	0.00
42 TM	1,2-Dichloroethane	50.000	62.554	-25.1#	129	0.00
43 T	Isopropyl Acetate	50.000	57.173	-14.3	119	0.00
44 TM	Trichloroethene	50.000	59.760	-19.5	120	0.00
45 C	1,2-Dichloropropane	50.000	62.136	-24.3#	129	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	58.197	-16.4	119	0.00
47 T	Bromodichloromethane	50.000	60.044	-20.1#	123	0.00
48 T	Methyl methacrylate	50.000	57.079	-14.2	121	0.00
49 T	1,4-Dioxane	1000.000	1058.224	-5.8	111	0.00
50 S	Toluene-d8	50.000	53.293	-6.6	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.703	-17.1	125	0.00
52 CM	Toluene	50.000	59.120	-18.2#	121	0.00
53 T	t-1,3-Dichloropropene	50.000	60.534	-21.1#	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	61.408	-22.8#	121	0.00
55 T	1,1,2-Trichloroethane	50.000	61.231	-22.5#	121	0.00
56 T	Ethyl methacrylate	50.000	65.585	-31.2#	129	0.00
57 T	1,3-Dichloropropane	50.000	60.145	-20.3#	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.622	-10.6	111	0.00
59 T	2-Hexanone	250.000	307.825	-23.1#	129	0.00
60 T	Dibromochloromethane	50.000	59.717	-19.4	121	0.00
61 T	1,2-Dibromoethane	50.000	63.988	-28.0#	134	0.00
62 S	4-Bromofluorobenzene	50.000	54.201	-8.4	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	51.540	-3.1	114	0.00
65 PM	Chlorobenzene	50.000	56.013	-12.0	131	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.244	-8.5	117	0.00
67 C	Ethyl Benzene	50.000	52.904	-5.8#	115	0.00
68 T	m/p-Xylenes	100.000	105.131	-5.1	111	0.00
69 T	o-Xylene	50.000	55.495	-11.0	121	0.00
70 T	Styrene	50.000	56.389	-12.8	128	0.00
71 P	Bromoform	50.000	55.637	-11.3	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.021	-6.0	110	0.00
74 T	N-amyl acetate	50.000	55.102	-10.2	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.252	-10.5	121	0.00
76 T	1,2,3-Trichloropropane	50.000	54.307	-8.6	120	0.00
77 T	Bromobenzene	50.000	57.348	-14.7	127	0.00
78 T	n-propylbenzene	50.000	54.750	-9.5	119	0.00
79 T	2-Chlorotoluene	50.000	52.620	-5.2	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.770	-7.5	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.002	-20.0#	120	0.00
82 T	4-Chlorotoluene	50.000	54.110	-8.2	114	0.00
83 T	tert-Butylbenzene	50.000	56.964	-13.9	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.017	-16.0	123	0.00
85 T	sec-Butylbenzene	50.000	56.328	-12.7	119	0.00
86 T	p-Isopropyltoluene	50.000	52.307	-4.6	103	0.00
87 T	1,3-Dichlorobenzene	50.000	53.434	-6.9	113	0.00
88 T	1,4-Dichlorobenzene	50.000	53.814	-7.6	118	0.00
89 T	n-Butylbenzene	50.000	51.081	-2.2	112	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.367	-8.7	112	0.00
91 T	1,2-Dichlorobenzene	50.000	51.671	-3.3	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.795	-17.6	125	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.929	-3.9	115	0.00
94 T	Hexachlorobutadiene	50.000	52.411	-4.8	112	0.00
95 T	Naphthalene	50.000	45.172	9.7	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	42.069	15.9	89	0.00

(#) = Out of Range

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