

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081418\
 Data File : VD059763.D
 Acq On : 14 Aug 2018 13:03
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 15:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 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	162	0.01
2 T	Dichlorodifluoromethane	50.000	46.217	7.6	143	0.01
3 P	Chloromethane	50.000	68.294	-36.6#	199	0.01
4 C	Vinyl Chloride	50.000	59.803	-19.6#	180	0.01
5 T	Bromomethane	50.000	46.406	7.2	134	0.00
6 T	Chloroethane	50.000	49.705	0.6	132	0.01
7 T	Trichlorofluoromethane	50.000	43.656	12.7	134	0.01
8 T	Diethyl Ether	50.000	51.412	-2.8	145	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.317	3.4	151	0.01
10 T	Methyl Iodide	50.000	43.370	13.3	137	0.01
11 T	Tert butyl alcohol	250.000	229.708	8.1	139	0.01
12 CM	1,1-Dichloroethene	50.000	50.793	-1.6#	157	0.01
13 T	Acrolein	250.000	415.454	-66.2#	268	0.01
14 T	Allyl chloride	50.000	53.393	-6.8	162	0.02
15 T	Acrylonitrile	250.000	342.679	-37.1#	194	0.01
16 T	Acetone	250.000	291.947	-16.8	153	0.01
17 T	Carbon Disulfide	50.000	51.850	-3.7	150	0.01
18 T	Methyl Acetate	50.000	48.534	2.9	146	0.01
19 T	Methyl tert-butyl Ether	50.000	55.230	-10.5	165	0.01
20 T	Methylene Chloride	50.000	42.036	15.9	144	0.02
21 T	trans-1,2-Dichloroethene	50.000	70.991	-42.0#	217	0.02
22 T	Diisopropyl ether	50.000	67.827	-35.7#	206	0.01
23 T	Vinyl Acetate	250.000	307.015	-22.8#	183	0.01
24 P	1,1-Dichloroethane	50.000	55.298	-10.6	176	0.01
25 T	2-Butanone	250.000	355.590	-42.2#	198	0.01
26 T	2,2-Dichloropropane	50.000	50.270	-0.5	159	0.01
27 T	cis-1,2-Dichloroethene	50.000	60.628	-21.3#	195	0.01
28 T	Bromochloromethane	50.000	62.414	-24.8#	185	0.00
29	Tetrahydrofuran	250.000	354.753	-41.9#	202	0.02
30 C	Chloroform	50.000	51.573	-3.1#	161	0.00
31 T	Cyclohexane	50.000	68.629	-37.3#	226	0.01
32 T	1,1,1-Trichloroethane	50.000	46.441	7.1	143	0.01
33 S	1,2-Dichloroethane-d4	50.000	42.823	14.4	130	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	173	0.01
35 S	Dibromofluoromethane	50.000	45.982	8.0	151	0.01
36 T	1,1-Dichloropropene	50.000	52.552	-5.1	172	0.01
37 T	Ethyl Acetate	50.000	60.592	-21.2#	180	0.00
38 T	Carbon Tetrachloride	50.000	42.293	15.4	137	0.01
39 T	Methylcyclohexane	50.000	63.943	-27.9#	206	0.01
40 TM	Benzene	50.000	60.742	-21.5#	199	0.01
41 T	Methacrylonitrile	50.000	62.026	-24.1#	201	0.01
42 TM	1,2-Dichloroethane	50.000	43.434	13.1	135	0.01
43 T	Isopropyl Acetate	50.000	58.113	-16.2	176	0.01
44 TM	Trichloroethene	50.000	52.681	-5.4	167	0.01
45 C	1,2-Dichloropropane	50.000	63.049	-26.1#	207	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	48.570	2.9	150	0.01
47 T	Bromodichloromethane	50.000	46.004	8.0	145	0.01
48 T	Methyl methacrylate	50.000	54.247	-8.5	163	0.00
49 T	1,4-Dioxane	1000.000	1283.255	-28.3#	170	0.01
50 S	Toluene-d8	50.000	54.706	-9.4	182	0.01
51 T	4-Methyl-2-Pentanone	250.000	316.797	-26.7#	180	0.01
52 CM	Toluene	50.000	58.298	-16.6#	196	0.01
53 T	t-1,3-Dichloropropene	50.000	49.612	0.8	158	0.01
54 T	cis-1,3-Dichloropropene	50.000	54.417	-8.8	182	0.01
55 T	1,1,2-Trichloroethane	50.000	55.160	-10.3	183	0.01
56 T	Ethyl methacrylate	50.000	57.299	-14.6	188	0.00
57 T	1,3-Dichloropropane	50.000	51.787	-3.6	167	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.001	-11.2	178	0.00
59 T	2-Hexanone	250.000	315.889	-26.4#	175	0.01
60 T	Dibromochloromethane	50.000	45.733	8.5	144	0.00
61 T	1,2-Dibromoethane	50.000	51.789	-3.6	163	0.01
62 S	4-Bromofluorobenzene	50.000	48.146	3.7	154	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	177	0.00
64 T	Tetrachloroethene	50.000	48.086	3.8	165	0.01
65 PM	Chlorobenzene	50.000	52.840	-5.7	183	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.264	11.5	147	0.01
67 C	Ethyl Benzene	50.000	50.291	-0.6#	174	0.01
68 T	m/p-Xylenes	100.000	104.509	-4.5	195	0.00
69 T	o-Xylene	50.000	53.189	-6.4	190	0.00
70 T	Styrene	50.000	54.732	-9.5	191	0.00
71 P	Bromoform	50.000	47.665	4.7	147	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	163	0.00
73 T	Isopropylbenzene	50.000	52.769	-5.5	173	0.01
74 T	N-amyl acetate	50.000	61.905	-23.8#	184	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.552	-21.1#	191	0.00
76 T	1,2,3-Trichloropropane	50.000	57.613	-15.2	169	0.00
77 T	Bromobenzene	50.000	53.391	-6.8	172	0.01
78 T	n-propylbenzene	50.000	54.415	-8.8	179	0.00
79 T	2-Chlorotoluene	50.000	48.842	2.3	162	0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.965	-1.9	169	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	65.239	-30.5#	203	0.01
82 T	4-Chlorotoluene	50.000	50.085	-0.2	164	0.00
83 T	tert-Butylbenzene	50.000	49.497	1.0	168	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.590	-3.2	165	0.00
85 T	sec-Butylbenzene	50.000	53.850	-7.7	177	0.00
86 T	p-Isopropyltoluene	50.000	51.354	-2.7	174	0.01
87 T	1,3-Dichlorobenzene	50.000	53.600	-7.2	174	0.00
88 T	1,4-Dichlorobenzene	50.000	54.602	-9.2	182	0.00
89 T	n-Butylbenzene	50.000	53.065	-6.1	184	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.683	-1.4	156	0.00
91 T	1,2-Dichlorobenzene	50.000	52.317	-4.6	183	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.290	7.4	134	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.896	4.2	152	0.00
94 T	Hexachlorobutadiene	50.000	43.355	13.3	139	0.00
95 T	Naphthalene	50.000	52.609	-5.2	166	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.006	2.0	157	0.00

(#) = Out of Range

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