

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081318\
 Data File : VD059740.D
 Acq On : 13 Aug 2018 17:23
 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 13 17:43:07 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	129	0.01
2 T	Dichlorodifluoromethane	0.748	0.754	-0.8	124	0.01
3 P	Chloromethane	0.283	0.330	-16.6	136	0.01
4 C	Vinyl Chloride	0.358	0.410	-14.5#	138	0.00
5 T	Bromomethane	0.150	0.187	-24.7#	143	0.00
6 T	Chloroethane	0.184	0.214	-16.3	123	0.00
7 T	Trichlorofluoromethane	0.768	0.784	-2.1	125	0.00
8 T	Diethyl Ether	0.124	0.136	-9.7	123	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.394	0.420	-6.6	134	0.01
10 T	Methyl Iodide	0.427	0.451	-5.6	115	0.02
11 T	Tert butyl alcohol	0.027	0.032	-18.5	142	0.00
12 CM	1,1-Dichloroethene	0.281	0.306	-8.9#	135	0.01
13 T	Acrolein	0.016	0.016	0.0	128	0.00
14 T	Allyl chloride	0.622	0.665	-6.9	129	0.01
15 T	Acrylonitrile	0.067	0.072	-7.5	122	0.00
16 T	Acetone	0.128	0.158	-23.4#	130	0.00
17 T	Carbon Disulfide	0.944	1.042	-10.4	128	0.00
18 T	Methyl Acetate	0.252	0.237	6.0	116	0.00
19 T	Methyl tert-butyl Ether	1.101	1.182	-7.4	128	0.00
20 T	Methylene Chloride	0.369	0.343	7.0	127	0.01
21 T	trans-1,2-Dichloroethene	0.357	0.438	-22.7#	150	0.01
22 T	Diisopropyl ether	1.176	1.347	-14.5	139	0.01
23 T	Vinyl Acetate	0.796	0.864	-8.5	129	0.00
24 P	1,1-Dichloroethane	0.869	0.916	-5.4	134	0.01
25 T	2-Butanone	0.137	0.168	-22.6#	136	0.00
26 T	2,2-Dichloropropane	1.016	1.078	-6.1	135	0.01
27 T	cis-1,2-Dichloroethene	0.432	0.466	-7.9	139	0.00
28 T	Bromochloromethane	0.313	0.354	-13.1	134	0.00
29	Tetrahydrofuran	0.051	0.060	-17.6	133	0.01
30 C	Chloroform	1.148	1.188	-3.5#	129	0.00
31 T	Cyclohexane	0.504	0.578	-14.7	151#	0.01
32 T	1,1,1-Trichloroethane	1.190	1.227	-3.1	127	0.00
33 S	1,2-Dichloroethane-d4	0.783	0.756	3.4	117	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	134	0.00
35 S	Dibromofluoromethane	0.515	0.523	-1.6	129	0.00
36 T	1,1-Dichloropropene	0.580	0.605	-4.3	132	0.00
37 T	Ethyl Acetate	0.255	0.268	-5.1	121	0.00
38 T	Carbon Tetrachloride	0.913	0.881	3.5	121	0.00
39 T	Methylcyclohexane	0.430	0.464	-7.9	135	0.00
40 TM	Benzene	1.011	1.073	-6.1	134	0.01
41 T	Methacrylonitrile	0.120	0.126	-5.0	132	0.00
42 TM	1,2-Dichloroethane	0.802	0.785	2.1	117	0.00
43 T	Isopropyl Acetate	0.322	0.345	-7.1	126	0.00
44 TM	Trichloroethene	0.408	0.411	-0.7	124	0.01
45 C	1,2-Dichloropropane	0.258	0.262	-1.6#	129	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.274	0.273	0.4	120	0.01
47 T	Bromodichloromethane	0.723	0.705	2.5	119	0.00
48 T	Methyl methacrylate	0.235	0.266	-13.2	132	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	125	0.00
50 S	Toluene-d8	1.021	1.058	-3.6	134	0.00
51 T	4-Methyl-2-Pentanone	0.248	0.290	-16.9	129	0.00
52 CM	Toluene	0.650	0.674	-3.7#	135	0.00
53 T	t-1,3-Dichloropropene	0.581	0.578	0.5	122	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.577	-3.6	134	0.00
55 T	1,1,2-Trichloroethane	0.256	0.261	-2.0	131	0.00
56 T	Ethyl methacrylate	0.292	0.295	-1.0	128	0.00
57 T	1,3-Dichloropropane	0.427	0.443	-3.7	129	0.00
58 T	2-Chloroethyl Vinyl ether	0.135	0.142	-5.2	130	0.00
59 T	2-Hexanone	0.185	0.220	-18.9	127	0.00
60 T	Dibromochloromethane	0.495	0.491	0.8	121	0.00
61 T	1,2-Dibromoethane	0.321	0.336	-4.7	127	0.00
62 S	4-Bromofluorobenzene	0.512	0.498	2.7	121	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	131	0.00
64 T	Tetrachloroethene	0.491	0.484	1.4	125	0.00
65 PM	Chlorobenzene	1.020	1.055	-3.4	132	0.00
66 T	1,1,1,2-Tetrachloroethane	0.517	0.507	1.9	120	0.00
67 C	Ethyl Benzene	1.912	1.952	-2.1#	131	0.00
68 T	m/p-Xylenes	0.613	0.629	-2.6	141	0.00
69 T	o-Xylene	0.596	0.573	3.9	127	0.00
70 T	Styrene	0.976	0.990	-1.4	131	0.00
71 P	Bromoform	0.391	0.408	-4.3	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	0.00
73 T	Isopropylbenzene	3.397	3.431	-1.0	125	0.00
74 T	N-amyl acetate	0.974	1.098	-12.7	127	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.655	-5.6	126	0.00
76 T	1,2,3-Trichloropropane	0.740	0.778	-5.1	117	0.00
77 T	Bromobenzene	0.992	1.010	-1.8	124	0.00
78 T	n-propylbenzene	4.127	4.264	-3.3	129	0.00
79 T	2-Chlorotoluene	2.613	2.605	0.3	126	0.00
80 T	1,3,5-Trimethylbenzene	2.943	3.041	-3.3	130	0.00
81 T	trans-1,4-Dichloro-2-butene	0.167	0.190	-13.8	135	0.00
82 T	4-Chlorotoluene	3.080	3.104	-0.8	125	0.00
83 T	tert-Butylbenzene	3.201	3.240	-1.2	130	0.00
84 T	1,2,4-Trimethylbenzene	3.037	3.001	1.2	120	0.00
85 T	sec-Butylbenzene	3.403	3.586	-5.4	131	0.00
86 T	p-Isopropyltoluene	3.066	3.043	0.8	127	0.00
87 T	1,3-Dichlorobenzene	1.680	1.666	0.8	122	0.00
88 T	1,4-Dichlorobenzene	1.679	1.678	0.1	126	0.00
89 T	n-Butylbenzene	3.032	3.088	-1.8	134	0.00

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90 T	Hexachloroethane	0.795	0.866	-8.9	127	0.00
91 T	1,2-Dichlorobenzene	1.427	1.397	2.1	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.160	-3.9	114	0.00
93 T	1,2,4-Trichlorobenzene	1.355	1.264	6.7	112	0.00
94 T	Hexachlorobutadiene	1.135	1.054	7.1	113	0.00
95 T	Naphthalene	1.824	1.837	-0.7	121	0.00
96 T	1,2,3-Trichlorobenzene	1.158	1.122	3.1	118	0.00

(#) = Out of Range

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