

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF122418\
 Data File : VF061157.D
 Acq On : 24 Dec 2018 11:06
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 25 00:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	1.111	0.970	12.7	92	0.00
3 P	Chloromethane	0.637	0.672	-5.5	113	0.00
4 C	Vinyl Chloride	0.591	0.590	0.2#	104	0.00
5 T	Bromomethane	0.410	0.443	-8.0	112	0.00
6 T	Chloroethane	0.272	0.292	-7.4	114	0.00
7 T	Trichlorofluoromethane	1.128	1.068	5.3	96	-0.02
8 T	Diethyl Ether	0.154	0.151	1.9	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.572	2.2	108	0.00
10 T	Methyl Iodide	0.922	0.938	-1.7	111	-0.02
11 T	Tert butyl alcohol	0.026	0.026	0.0	105	0.01
12 CM	1,1-Dichloroethene	0.441	0.469	-6.3#	111	0.00
13 T	Acrolein	0.019	0.021	-10.5	136	0.00
14 T	Allyl chloride	0.459	0.574	-25.1#	142	0.00
15 T	Acrylonitrile	0.060	0.069	-15.0	116	0.00
16 T	Acetone	0.129	0.131	-1.6	102	0.00
17 T	Carbon Disulfide	1.332	1.341	-0.7	108	0.00
18 T	Methyl Acetate	0.266	0.259	2.6	116	0.00
19 T	Methyl tert-butyl Ether	0.978	0.943	3.6	103	0.00
20 T	Methylene Chloride	0.477	0.513	-7.5	129	-0.02
21 T	trans-1,2-Dichloroethene	0.471	0.482	-2.3	117	0.00
22 T	Diisopropyl ether	1.528	1.670	-9.3	117	0.00
23 T	Vinyl Acetate	0.705	0.750	-6.4	112	0.00
24 P	1,1-Dichloroethane	0.905	0.976	-7.8	112	0.00
25 T	2-Butanone	0.208	0.220	-5.8	112	0.00
26 T	2,2-Dichloropropane	0.519	0.523	-0.8	108	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.772	-6.9	119	0.00
28 T	Bromochloromethane	0.459	0.452	1.5	105	0.00
29	Tetrahydrofuran	0.085	0.087	-2.4	112	0.00
30 C	Chloroform	1.357	1.323	2.5#	103	0.00
31 T	Cyclohexane	0.939	0.973	-3.6	114	0.00
32 T	1,1,1-Trichloroethane	0.814	0.866	-6.4	118	0.01
33 S	1,2-Dichloroethane-d4	0.643	0.549	14.6	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.401	0.388	3.2	108	0.00
36 T	1,1-Dichloropropene	0.604	0.605	-0.2	103	0.00
37 T	Ethyl Acetate	0.248	0.242	2.4	107	0.00
38 T	Carbon Tetrachloride	0.460	0.490	-6.5	110	0.00
39 T	Methylcyclohexane	0.541	0.656	-21.3	119	0.00
40 TM	Benzene	1.298	1.404	-8.2	113	0.00
41 T	Methacrylonitrile	0.127	0.134	-5.5	110	0.00
42 TM	1,2-Dichloroethane	0.493	0.470	4.7	98	0.00
43 T	Isopropyl Acetate	0.291	0.326	-12.0	120	0.00
44 TM	Trichloroethene	0.409	0.407	0.5	102	0.00
45 C	1,2-Dichloropropane	0.353	0.370	-4.8#	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.231	-0.9	103	0.00
47 T	Bromodichloromethane	0.595	0.610	-2.5	102	0.00
48 T	Methyl methacrylate	0.203	0.210	-3.4	105	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	96	0.00
50 S	Toluene-d8	1.135	1.169	-3.0	110	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.210	-5.0	111	0.00
52 CM	Toluene	0.859	0.920	-7.1#	114	0.00
53 T	t-1,3-Dichloropropene	0.480	0.478	0.4	106	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.638	-6.0	112	0.00
55 T	1,1,2-Trichloroethane	0.258	0.259	-0.4	110	0.00
56 T	Ethyl methacrylate	0.279	0.301	-7.9	112	0.00
57 T	1,3-Dichloropropane	0.466	0.491	-5.4	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.054	0.053	1.9	106	0.00
59 T	2-Hexanone	0.145	0.160	-10.3	114	0.00
60 T	Dibromochloromethane	0.369	0.376	-1.9	102	0.00
61 T	1,2-Dibromoethane	0.275	0.286	-4.0	107	0.00
62 S	4-Bromofluorobenzene	0.523	0.470	10.1	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.385	0.386	-0.3	108	0.00
65 PM	Chlorobenzene	1.033	1.086	-5.1	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.422	0.399	5.5	105	0.00
67 C	Ethyl Benzene	1.882	1.897	-0.8#	110	0.01
68 T	m/p-Xylenes	0.662	0.702	-6.0	116	0.00
69 T	o-Xylene	0.734	0.746	-1.6	111	0.00
70 T	Styrene	1.022	1.031	-0.9	115	0.00
71 P	Bromoform	0.195	0.195	0.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.309	4.774	-10.8	110	0.00
74 T	N-amyl acetate	0.957	1.060	-10.8	112	0.00
75 P	1,1,2,2-Tetrachloroethane	0.715	0.740	-3.5	105	0.00
76 T	1,2,3-Trichloropropane	0.532	0.532	0.0	101	0.00
77 T	Bromobenzene	0.928	0.957	-3.1	104	0.00
78 T	n-propylbenzene	5.104	5.388	-5.6	106	0.00
79 T	2-Chlorotoluene	2.956	3.027	-2.4	103	0.00
80 T	1,3,5-Trimethylbenzene	3.548	3.541	0.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.229	0.257	-12.2	111	0.00
82 T	4-Chlorotoluene	3.058	3.040	0.6	104	0.00
83 T	tert-Butylbenzene	3.651	3.743	-2.5	104	0.00
84 T	1,2,4-Trimethylbenzene	3.538	3.556	-0.5	105	0.00
85 T	sec-Butylbenzene	4.764	5.024	-5.5	108	0.00
86 T	p-Isopropyltoluene	3.955	4.206	-6.3	108	0.00
87 T	1,3-Dichlorobenzene	1.749	1.815	-3.8	110	0.00
88 T	1,4-Dichlorobenzene	1.703	1.774	-4.2	110	0.00
89 T	n-Butylbenzene	4.088	4.193	-2.6	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.977	1.024	-4.8	104	0.00
91 T	1,2-Dichlorobenzene	1.658	1.677	-1.1	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.140	-6.9	102	0.00
93 T	1,2,4-Trichlorobenzene	1.176	1.187	-0.9	104	0.00
94 T	Hexachlorobutadiene	0.749	0.793	-5.9	106	0.00
95 T	Naphthalene	2.147	2.176	-1.4	98	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.118	-2.9	98	0.00

(#) = Out of Range

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