

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF121918\
 Data File : VF061077.D
 Acq On : 19 Dec 2018 11:05
 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 20 02:32:19 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	122	-0.01
2 T	Dichlorodifluoromethane	1.111	0.954	14.1	104	0.00
3 P	Chloromethane	0.637	0.624	2.0	121	0.00
4 C	Vinyl Chloride	0.591	0.560	5.2#	113	0.00
5 T	Bromomethane	0.410	0.383	6.6	111	0.00
6 T	Chloroethane	0.272	0.261	4.0	117	0.00
7 T	Trichlorofluoromethane	1.128	1.038	8.0	107	-0.01
8 T	Diethyl Ether	0.154	0.148	3.9	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.514	12.1	111	0.00
10 T	Methyl Iodide	0.922	0.875	5.1	119	-0.01
11 T	Tert butyl alcohol	0.026	0.023	11.5	106	0.00
12 CM	1,1-Dichloroethene	0.441	0.414	6.1#	113	-0.01
13 T	Acrolein	0.019	0.020	-5.3	153#	0.00
14 T	Allyl chloride	0.459	0.521	-13.5	148	0.00
15 T	Acrylonitrile	0.060	0.059	1.7	113	0.00
16 T	Acetone	0.129	0.130	-0.8	117	0.00
17 T	Carbon Disulfide	1.332	1.286	3.5	119	0.00
18 T	Methyl Acetate	0.266	0.241	9.4	123	0.00
19 T	Methyl tert-butyl Ether	0.978	0.911	6.9	114	0.00
20 T	Methylene Chloride	0.477	0.414	13.2	119	-0.08
21 T	trans-1,2-Dichloroethene	0.471	0.419	11.0	117	0.00
22 T	Diisopropyl ether	1.528	1.482	3.0	120	0.00
23 T	Vinyl Acetate	0.705	0.718	-1.8	123	0.00
24 P	1,1-Dichloroethane	0.905	0.840	7.2	111	0.00
25 T	2-Butanone	0.208	0.199	4.3	117	0.00
26 T	2,2-Dichloropropane	0.519	0.493	5.0	117	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.679	6.0	120	0.00
28 T	Bromochloromethane	0.459	0.468	-2.0	125	-0.01
29	Tetrahydrofuran	0.085	0.079	7.1	117	0.00
30 C	Chloroform	1.357	1.217	10.3#	108	0.00
31 T	Cyclohexane	0.939	0.939	0.0	126	0.00
32 T	1,1,1-Trichloroethane	0.814	0.728	10.6	114	0.00
33 S	1,2-Dichloroethane-d4	0.643	0.606	5.8	121	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.401	0.390	2.7	124	0.00
36 T	1,1-Dichloropropene	0.604	0.586	3.0	114	0.00
37 T	Ethyl Acetate	0.248	0.222	10.5	112	0.00
38 T	Carbon Tetrachloride	0.460	0.434	5.7	112	0.00
39 T	Methylcyclohexane	0.541	0.591	-9.2	123	0.00
40 TM	Benzene	1.298	1.245	4.1	115	0.00
41 T	Methacrylonitrile	0.127	0.119	6.3	111	0.00
42 TM	1,2-Dichloroethane	0.493	0.436	11.6	103	0.00
43 T	Isopropyl Acetate	0.291	0.278	4.5	117	0.00
44 TM	Trichloroethene	0.409	0.392	4.2	112	-0.01
45 C	1,2-Dichloropropane	0.353	0.326	7.6#	110	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.209	8.7	106	-0.01
47 T	Bromodichloromethane	0.595	0.554	6.9	105	0.00
48 T	Methyl methacrylate	0.203	0.193	4.9	110	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	105	0.00
50 S	Toluene-d8	1.135	1.132	0.3	122	-0.01
51 T	4-Methyl-2-Pentanone	0.200	0.189	5.5	114	0.00
52 CM	Toluene	0.859	0.799	7.0#	113	0.00
53 T	t-1,3-Dichloropropene	0.480	0.462	3.7	117	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.590	2.0	118	0.00
55 T	1,1,2-Trichloroethane	0.258	0.242	6.2	118	0.00
56 T	Ethyl methacrylate	0.279	0.277	0.7	117	0.00
57 T	1,3-Dichloropropane	0.466	0.452	3.0	118	0.00
58 T	2-Chloroethyl Vinyl ether	0.054	0.053	1.9	121	0.00
59 T	2-Hexanone	0.145	0.146	-0.7	118	0.00
60 T	Dibromochloromethane	0.369	0.348	5.7	108	-0.01
61 T	1,2-Dibromoethane	0.275	0.271	1.5	116	0.00
62 S	4-Bromofluorobenzene	0.523	0.516	1.3	125	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.385	0.370	3.9	116	0.00
65 PM	Chlorobenzene	1.033	0.961	7.0	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.422	0.374	11.4	111	0.00
67 C	Ethyl Benzene	1.882	1.737	7.7#	113	0.00
68 T	m/p-Xylenes	0.662	0.601	9.2	111	0.00
69 T	o-Xylene	0.734	0.691	5.9	115	0.00
70 T	Styrene	1.022	0.925	9.5	116	0.00
71 P	Bromoform	0.195	0.184	5.6	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	4.309	4.268	1.0	108	0.00
74 T	N-amyl acetate	0.957	1.013	-5.9	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.715	0.713	0.3	110	0.00
76 T	1,2,3-Trichloropropane	0.532	0.507	4.7	105	0.00
77 T	Bromobenzene	0.928	0.948	-2.2	112	0.00
78 T	n-propylbenzene	5.104	5.033	1.4	108	0.00
79 T	2-Chlorotoluene	2.956	2.871	2.9	107	0.00
80 T	1,3,5-Trimethylbenzene	3.548	3.450	2.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.229	0.249	-8.7	117	0.00
82 T	4-Chlorotoluene	3.058	2.937	4.0	110	0.00
83 T	tert-Butylbenzene	3.651	3.360	8.0	102	0.00
84 T	1,2,4-Trimethylbenzene	3.538	3.396	4.0	109	0.00
85 T	sec-Butylbenzene	4.764	4.809	-0.9	113	0.00
86 T	p-Isopropyltoluene	3.955	3.963	-0.2	111	0.00
87 T	1,3-Dichlorobenzene	1.749	1.707	2.4	113	0.00
88 T	1,4-Dichlorobenzene	1.703	1.639	3.8	111	0.00
89 T	n-Butylbenzene	4.088	3.943	3.5	108	0.00

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90 T	Hexachloroethane	0.977	0.978	-0.1	109	0.00
91 T	1,2-Dichlorobenzene	1.658	1.629	1.7	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.133	-1.5	106	0.00
93 T	1,2,4-Trichlorobenzene	1.176	1.166	0.9	112	0.00
94 T	Hexachlorobutadiene	0.749	0.777	-3.7	114	0.00
95 T	Naphthalene	2.147	2.277	-6.1	113	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.104	-1.6	106	0.00

(#) = Out of Range

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