

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF121918\
 Data File : VF061075.D
 Acq On : 18 Dec 2018 21:47
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF121918

Quant Time: Dec 19 06:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 06:31:00 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	113	0.00
2 T	Dichlorodifluoromethane	1.111	0.918	17.4	92	0.01
3 P	Chloromethane	0.637	0.599	6.0	107	0.00
4 C	Vinyl Chloride	0.591	0.551	6.8#	103	0.00
5 T	Bromomethane	0.410	0.405	1.2	109	0.00
6 T	Chloroethane	0.272	0.271	0.4	112	0.00
7 T	Trichlorofluoromethane	1.128	1.003	11.1	96	0.00
8 T	Diethyl Ether	0.154	0.151	1.9	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.522	10.8	104	0.00
10 T	Methyl Iodide	0.922	0.849	7.9	107	0.00
11 T	Tert butyl alcohol	0.026	0.025	3.8	106	0.01
12 CM	1,1-Dichloroethene	0.441	0.409	7.3#	103	0.00
13 T	Acrolein	0.019	0.016	15.8	112	0.00
14 T	Allyl chloride	0.459	0.419	8.7	110	0.00
15 T	Acrylonitrile	0.060	0.058	3.3	103	0.00
16 T	Acetone	0.129	0.108	16.3	89	0.00
17 T	Carbon Disulfide	1.332	1.258	5.6	107	0.00
18 T	Methyl Acetate	0.266	0.250	6.0	118	0.00
19 T	Methyl tert-butyl Ether	0.978	0.929	5.0	107	0.00
20 T	Methylene Chloride	0.477	0.392	17.8	104	0.00
21 T	trans-1,2-Dichloroethene	0.471	0.424	10.0	109	0.00
22 T	Diisopropyl ether	1.528	1.519	0.6	113	0.00
23 T	Vinyl Acetate	0.705	0.727	-3.1	115	0.00
24 P	1,1-Dichloroethane	0.905	0.837	7.5	102	0.00
25 T	2-Butanone	0.208	0.184	11.5	100	0.00
26 T	2,2-Dichloropropane	0.519	0.471	9.2	103	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.658	8.9	107	0.00
28 T	Bromochloromethane	0.459	0.428	6.8	105	0.00
29	Tetrahydrofuran	0.085	0.084	1.2	114	0.00
30 C	Chloroform	1.357	1.171	13.7#	96	0.00
31 T	Cyclohexane	0.939	0.857	8.7	106	0.00
32 T	1,1,1-Trichloroethane	0.814	0.697	14.4	100	0.00
33 S	1,2-Dichloroethane-d4	0.643	0.636	1.1	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.401	0.402	-0.2	119	0.00
36 T	1,1-Dichloropropene	0.604	0.559	7.5	101	0.00
37 T	Ethyl Acetate	0.248	0.234	5.6	109	0.00
38 T	Carbon Tetrachloride	0.460	0.415	9.8	99	0.00
39 T	Methylcyclohexane	0.541	0.518	4.3	100	0.00
40 TM	Benzene	1.298	1.191	8.2	102	0.00
41 T	Methacrylonitrile	0.127	0.125	1.6	108	0.00
42 TM	1,2-Dichloroethane	0.493	0.438	11.2	96	0.00
43 T	Isopropyl Acetate	0.291	0.291	0.0	114	0.00
44 TM	Trichloroethene	0.409	0.378	7.6	101	0.00
45 C	1,2-Dichloropropane	0.353	0.330	6.5#	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.217	5.2	103	0.00
47 T	Bromodichloromethane	0.595	0.566	4.9	100	0.00
48 T	Methyl methacrylate	0.203	0.199	2.0	106	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	103	0.00
50 S	Toluene-d8	1.135	1.101	3.0	110	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.195	2.5	109	0.00
52 CM	Toluene	0.859	0.796	7.3#	105	0.00
53 T	t-1,3-Dichloropropene	0.480	0.455	5.2	107	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.579	3.8	108	0.00
55 T	1,1,2-Trichloroethane	0.258	0.242	6.2	109	0.00
56 T	Ethyl methacrylate	0.279	0.274	1.8	108	0.00
57 T	1,3-Dichloropropane	0.466	0.443	4.9	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.054	0.053	1.9	114	0.00
59 T	2-Hexanone	0.145	0.129	11.0	97	0.00
60 T	Dibromochloromethane	0.369	0.348	5.7	100	0.00
61 T	1,2-Dibromoethane	0.275	0.260	5.5	103	0.00
62 S	4-Bromofluorobenzene	0.523	0.513	1.9	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.385	0.369	4.2	108	0.00
65 PM	Chlorobenzene	1.033	0.945	8.5	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.422	0.380	10.0	105	0.00
67 C	Ethyl Benzene	1.882	1.766	6.2#	107	0.00
68 T	m/p-Xylenes	0.662	0.582	12.1	100	0.00
69 T	o-Xylene	0.734	0.686	6.5	106	0.00
70 T	Styrene	1.022	0.918	10.2	107	0.00
71 P	Bromoform	0.195	0.186	4.6	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	4.309	3.900	9.5	101	0.00
74 T	N-amyl acetate	0.957	0.978	-2.2	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.715	0.652	8.8	104	0.00
76 T	1,2,3-Trichloropropane	0.532	0.467	12.2	99	0.00
77 T	Bromobenzene	0.928	0.859	7.4	104	0.00
78 T	n-propylbenzene	5.104	4.612	9.6	102	0.00
79 T	2-Chlorotoluene	2.956	2.595	12.2	99	0.00
80 T	1,3,5-Trimethylbenzene	3.548	3.117	12.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.229	0.216	5.7	105	0.00
82 T	4-Chlorotoluene	3.058	2.600	15.0	100	0.00
83 T	tert-Butylbenzene	3.651	3.339	8.5	104	0.00
84 T	1,2,4-Trimethylbenzene	3.538	3.190	9.8	105	0.00
85 T	sec-Butylbenzene	4.764	4.162	12.6	100	0.00
86 T	p-Isopropyltoluene	3.955	3.505	11.4	101	0.00
87 T	1,3-Dichlorobenzene	1.749	1.500	14.2	102	0.00
88 T	1,4-Dichlorobenzene	1.703	1.564	8.2	109	0.00
89 T	n-Butylbenzene	4.088	3.542	13.4	100	0.00

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90 T	Hexachloroethane	0.977	0.935	4.3	107	0.00
91 T	1,2-Dichlorobenzene	1.658	1.489	10.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.125	4.6	102	0.00
93 T	1,2,4-Trichlorobenzene	1.176	1.101	6.4	108	0.00
94 T	Hexachlorobutadiene	0.749	0.696	7.1	105	0.00
95 T	Naphthalene	2.147	2.106	1.9	107	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.049	3.5	103	0.00

(#) = Out of Range

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