

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011819\
 Data File : VF061452.D
 Acq On : 18 Jan 2019 11:24
 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: Jan 19 04:11:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	0.982	0.899	8.5	96	0.00
3 P	Chloromethane	0.720	0.685	4.9	109	-0.01
4 C	Vinyl Chloride	0.641	0.634	1.1#	112	0.00
5 T	Bromomethane	0.418	0.426	-1.9	107	0.00
6 T	Chloroethane	0.284	0.284	0.0	100	-0.01
7 T	Trichlorofluoromethane	1.246	1.082	13.2	96	-0.01
8 T	Diethyl Ether	0.160	0.154	3.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.599	0.565	5.7	106	-0.01
10 T	Methyl Iodide	0.928	0.897	3.3	103	-0.02
11 T	Tert butyl alcohol	0.026	0.026	0.0	109	0.00
12 CM	1,1-Dichloroethene	0.445	0.442	0.7#	110	-0.01
13 T	Acrolein	0.022	0.034	-54.5#	159#	0.00
14 T	Allyl chloride	0.699	0.692	1.0	134	0.00
15 T	Acrylonitrile	0.067	0.070	-4.5	124	0.00
16 T	Acetone	0.124	0.148	-19.4	132	0.00
17 T	Carbon Disulfide	1.387	1.341	3.3	105	-0.01
18 T	Methyl Acetate	0.246	0.268	-8.9	124	0.00
19 T	Methyl tert-butyl Ether	0.997	0.953	4.4	102	0.00
20 T	Methylene Chloride	0.477	0.431	9.6	112	0.00
21 T	trans-1,2-Dichloroethene	0.489	0.468	4.3	110	0.00
22 T	Diisopropyl ether	1.583	1.475	6.8	99	0.00
23 T	Vinyl Acetate	0.640	0.723	-13.0	100	0.00
24 P	1,1-Dichloroethane	0.993	0.901	9.3	97	0.00
25 T	2-Butanone	0.206	0.217	-5.3	115	0.00
26 T	2,2-Dichloropropane	0.610	0.559	8.4	109	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.698	3.3	103	0.00
28 T	Bromochloromethane	0.446	0.422	5.4	108	0.00
29	Tetrahydrofuran	0.089	0.090	-1.1	105	0.00
30 C	Chloroform	1.340	1.194	10.9#	94	0.00
31 T	Cyclohexane	0.992	0.953	3.9	107	0.00
32 T	1,1,1-Trichloroethane	0.983	0.940	4.4	121	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.618	-0.2	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.395	0.383	3.0	104	0.00
36 T	1,1-Dichloropropene	0.580	0.526	9.3	97	0.00
37 T	Ethyl Acetate	0.232	0.224	3.4	105	0.00
38 T	Carbon Tetrachloride	0.507	0.471	7.1	108	0.00
39 T	Methylcyclohexane	0.628	0.604	3.8	115	0.00
40 TM	Benzene	1.290	1.181	8.4	104	0.00
41 T	Methacrylonitrile	0.123	0.119	3.3	110	-0.01
42 TM	1,2-Dichloroethane	0.460	0.421	8.5	95	0.00
43 T	Isopropyl Acetate	0.291	0.300	-3.1	109	-0.01
44 TM	Trichloroethene	0.396	0.378	4.5	104	0.00
45 C	1,2-Dichloropropane	0.339	0.332	2.1#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.218	3.1	100	0.00
47 T	Bromodichloromethane	0.557	0.530	4.8	101	0.00
48 T	Methyl methacrylate	0.195	0.186	4.6	101	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	89	-0.01
50 S	Toluene-d8	1.081	1.129	-4.4	115	0.00
51 T	4-Methyl-2-Pentanone	0.214	0.212	0.9	108	0.00
52 CM	Toluene	0.850	0.745	12.4#	97	0.00
53 T	t-1,3-Dichloropropene	0.442	0.415	6.1	97	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.561	-1.4	100	0.00
55 T	1,1,2-Trichloroethane	0.241	0.244	-1.2	106	0.00
56 T	Ethyl methacrylate	0.281	0.282	-0.4	107	0.00
57 T	1,3-Dichloropropane	0.452	0.435	3.8	98	-0.01
58 T	2-Chloroethyl Vinyl ether	0.023	0.029	-26.1#	104	-0.01
59 T	2-Hexanone	0.149	0.166	-11.4	119	0.00
60 T	Dibromochloromethane	0.353	0.339	4.0	99	0.00
61 T	1,2-Dibromoethane	0.276	0.254	8.0	95	0.00
62 S	4-Bromofluorobenzene	0.505	0.500	1.0	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.376	0.343	8.8	94	-0.01
65 PM	Chlorobenzene	1.017	0.962	5.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.379	6.4	100	0.00
67 C	Ethyl Benzene	1.858	1.778	4.3#	106	-0.01
68 T	m/p-Xylenes	0.668	0.605	9.4	99	0.00
69 T	o-Xylene	0.724	0.675	6.8	101	0.00
70 T	Styrene	0.991	0.919	7.3	106	0.00
71 P	Bromoform	0.182	0.188	-3.3	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	4.067	4.303	-5.8	101	0.00
74 T	N-amyl acetate	0.962	1.084	-12.7	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.724	0.777	-7.3	106	0.00
76 T	1,2,3-Trichloropropane	0.521	0.527	-1.2	98	0.00
77 T	Bromobenzene	0.859	0.897	-4.4	99	0.00
78 T	n-propylbenzene	4.884	4.913	-0.6	100	0.00
79 T	2-Chlorotoluene	2.822	2.844	-0.8	100	0.00
80 T	1,3,5-Trimethylbenzene	3.282	3.277	0.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.234	-3.5	91	-0.01
82 T	4-Chlorotoluene	2.847	2.928	-2.8	102	0.00
83 T	tert-Butylbenzene	3.397	3.531	-3.9	101	0.00
84 T	1,2,4-Trimethylbenzene	3.380	3.287	2.8	98	0.00
85 T	sec-Butylbenzene	4.613	4.670	-1.2	97	0.00
86 T	p-Isopropyltoluene	3.787	3.794	-0.2	100	-0.01
87 T	1,3-Dichlorobenzene	1.697	1.654	2.5	101	0.00
88 T	1,4-Dichlorobenzene	1.623	1.609	0.9	96	0.00
89 T	n-Butylbenzene	3.905	4.056	-3.9	103	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.893	0.938	-5.0	101	0.00
91 T	1,2-Dichlorobenzene	1.607	1.592	0.9	96	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.144	-12.5	105	-0.01
93 T	1,2,4-Trichlorobenzene	1.125	1.085	3.6	93	0.00
94 T	Hexachlorobutadiene	0.698	0.699	-0.1	96	0.00
95 T	Naphthalene	2.138	2.149	-0.5	94	0.00
96 T	1,2,3-Trichlorobenzene	1.042	1.008	3.3	92	0.00

(#) = Out of Range

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