

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF062218\
 Data File : VF059279.D
 Acq On : 22 Jun 2018 17:25
 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: Jun 24 11:33:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	-0.02
2 T	Dichlorodifluoromethane	0.582	0.560	3.8	106	0.00
3 P	Chloromethane	0.367	0.357	2.7	108	0.00
4 C	Vinyl Chloride	0.364	0.394	-8.2#	115	0.00
5 T	Bromomethane	0.247	0.274	-10.9	122	0.00
6 T	Chloroethane	0.177	0.218	-23.2	129	-0.01
7 T	Trichlorofluoromethane	0.712	0.775	-8.8	109	0.00
8 T	Diethyl Ether	0.160	0.178	-11.2	130	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.397	0.415	-4.5	117	0.00
10 T	Methyl Iodide	0.726	0.792	-9.1	121	0.00
11 T	Tert butyl alcohol	0.042	0.041	2.4	116	-0.02
12 CM	1,1-Dichloroethene	0.354	0.382	-7.9#	125	0.00
13 T	Acrolein	0.036	0.035	2.8	122	0.00
14 T	Allyl chloride	0.654	0.670	-2.4	117	-0.01
15 T	Acrylonitrile	0.088	0.076	13.6	115	0.00
16 T	Acetone	0.170	0.203	-19.4	134	-0.01
17 T	Carbon Disulfide	0.861	0.918	-6.6	119	-0.03
18 T	Methyl Acetate	0.320	0.309	3.4	112	-0.02
19 T	Methyl tert-butyl Ether	1.189	1.253	-5.4	115	-0.02
20 T	Methylene Chloride	0.371	0.386	-4.0	123	-0.05
21 T	trans-1,2-Dichloroethene	0.370	0.406	-9.7	119	-0.01
22 T	Diisopropyl ether	1.357	1.422	-4.8	116	-0.01
23 T	Vinyl Acetate	0.868	0.830	4.4	104	-0.01
24 P	1,1-Dichloroethane	0.880	0.881	-0.1	114	-0.01
25 T	2-Butanone	0.226	0.222	1.8	109	-0.02
26 T	2,2-Dichloropropane	0.613	0.618	-0.8	111	-0.01
27 T	cis-1,2-Dichloroethene	0.562	0.571	-1.6	110	-0.02
28 T	Bromochloromethane	0.365	0.362	0.8	120	0.00
29	Tetrahydrofuran	0.102	0.089	12.7	101	-0.03
30 C	Chloroform	1.274	1.252	1.7#	111	-0.02
31 T	Cyclohexane	0.606	0.614	-1.3	110	-0.01
32 T	1,1,1-Trichloroethane	0.962	0.936	2.7	108	-0.02
33 S	1,2-Dichloroethane-d4	0.718	0.697	2.9	108	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	-0.01
35 S	Dibromofluoromethane	0.421	0.379	10.0	104	-0.02
36 T	1,1-Dichloropropene	0.525	0.525	0.0	110	-0.01
37 T	Ethyl Acetate	0.336	0.304	9.5	106	-0.01
38 T	Carbon Tetrachloride	0.645	0.617	4.3	103	-0.01
39 T	Methylcyclohexane	0.470	0.473	-0.6	114	-0.03
40 TM	Benzene	1.115	1.120	-0.4	111	-0.01
41 T	Methacrylonitrile	0.160	0.150	6.3	104	-0.01
42 TM	1,2-Dichloroethane	0.642	0.616	4.0	100	-0.01
43 T	Isopropyl Acetate	0.411	0.398	3.2	103	-0.02
44 TM	Trichloroethene	0.386	0.369	4.4	102	-0.03
45 C	1,2-Dichloropropane	0.325	0.329	-1.2#	110	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.275	0.261	5.1	104	-0.01
47 T	Bromodichloromethane	0.657	0.654	0.5	107	-0.01
48 T	Methyl methacrylate	0.260	0.263	-1.2	106	-0.01
49 T	1,4-Dioxane	0.002	0.001	50.0#	102	-0.02
50 S	Toluene-d8	1.070	1.015	5.1	107	-0.01
51 T	4-Methyl-2-Pentanone	0.293	0.274	6.5	102	-0.02
52 CM	Toluene	0.860	0.795	7.6#	104	-0.01
53 T	t-1,3-Dichloropropene	0.617	0.581	5.8	102	-0.01
54 T	cis-1,3-Dichloropropene	0.652	0.641	1.7	105	-0.02
55 T	1,1,2-Trichloroethane	0.332	0.316	4.8	102	-0.02
56 T	Ethyl methacrylate	0.380	0.376	1.1	101	-0.01
57 T	1,3-Dichloropropane	0.549	0.531	3.3	105	-0.01
58 T	2-Chloroethyl Vinyl ether	0.030	0.028	6.7	102	-0.01
59 T	2-Hexanone	0.233	0.245	-5.2	116	-0.01
60 T	Dibromochloromethane	0.489	0.489	0.0	104	-0.01
61 T	1,2-Dibromoethane	0.383	0.373	2.6	104	-0.02
62 S	4-Bromofluorobenzene	0.593	0.564	4.9	107	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	-0.01
64 T	Tetrachloroethene	0.384	0.354	7.8	97	-0.02
65 PM	Chlorobenzene	1.064	1.089	-2.3	109	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.443	0.434	2.0	107	-0.02
67 C	Ethyl Benzene	1.806	1.777	1.6#	106	-0.02
68 T	m/p-Xylenes	0.649	0.633	2.5	101	-0.01
69 T	o-Xylene	0.717	0.720	-0.4	103	-0.01
70 T	Styrene	1.081	1.137	-5.2	111	-0.01
71 P	Bromoform	0.316	0.320	-1.3	107	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	-0.01
73 T	Isopropylbenzene	3.444	3.474	-0.9	105	-0.01
74 T	N-amyl acetate	1.125	1.192	-6.0	113	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.808	0.788	2.5	106	-0.01
76 T	1,2,3-Trichloropropane	0.592	0.598	-1.0	108	-0.01
77 T	Bromobenzene	0.931	0.906	2.7	103	-0.01
78 T	n-propylbenzene	4.075	4.100	-0.6	105	-0.01
79 T	2-Chlorotoluene	2.443	2.416	1.1	105	-0.01
80 T	1,3,5-Trimethylbenzene	2.912	2.953	-1.4	105	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.379	0.372	1.8	102	-0.01
82 T	4-Chlorotoluene	2.624	2.619	0.2	106	-0.01
83 T	tert-Butylbenzene	2.948	2.951	-0.1	101	0.00
84 T	1,2,4-Trimethylbenzene	3.067	3.155	-2.9	108	-0.01
85 T	sec-Butylbenzene	3.933	3.822	2.8	103	-0.01
86 T	p-Isopropyltoluene	3.243	3.340	-3.0	104	-0.01
87 T	1,3-Dichlorobenzene	1.669	1.624	2.7	103	-0.01
88 T	1,4-Dichlorobenzene	1.648	1.683	-2.1	108	-0.01
89 T	n-Butylbenzene	3.303	3.368	-2.0	106	-0.01

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90 T	Hexachloroethane	0.811	0.820	-1.1	108	-0.01
91 T	1,2-Dichlorobenzene	1.655	1.643	0.7	109	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.175	0.165	5.7	97	-0.01
93 T	1,2,4-Trichlorobenzene	1.209	1.199	0.8	101	-0.01
94 T	Hexachlorobutadiene	0.716	0.729	-1.8	104	-0.01
95 T	Naphthalene	2.482	2.542	-2.4	100	-0.01
96 T	1,2,3-Trichlorobenzene	1.137	1.165	-2.5	101	0.00

(#) = Out of Range

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