

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF062618\
 Data File : VF059310.D
 Acq On : 26 Jun 2018 11:43
 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 27 02:31:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 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	112	-0.01
2 T	Dichlorodifluoromethane	0.457	0.417	8.8	102	0.00
3 P	Chloromethane	0.307	0.300	2.3	116	0.00
4 C	Vinyl Chloride	0.302	0.315	-4.3#	119	0.00
5 T	Bromomethane	0.204	0.213	-4.4	121	0.00
6 T	Chloroethane	0.152	0.167	-9.9	124	-0.01
7 T	Trichlorofluoromethane	0.597	0.618	-3.5	112	0.00
8 T	Diethyl Ether	0.153	0.154	-0.7	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.349	0.356	-2.0	119	-0.01
10 T	Methyl Iodide	0.636	0.665	-4.6	118	-0.01
11 T	Tert butyl alcohol	0.043	0.033	23.3	83	-0.01
12 CM	1,1-Dichloroethene	0.295	0.312	-5.8#	119	-0.01
13 T	Acrolein	0.024	0.021	12.5	115	0.00
14 T	Allyl chloride	0.553	0.578	-4.5	116	0.00
15 T	Acrylonitrile	0.076	0.068	10.5	101	-0.01
16 T	Acetone	0.177	0.168	5.1	107	-0.01
17 T	Carbon Disulfide	0.693	0.726	-4.8	119	0.00
18 T	Methyl Acetate	0.341	0.281	17.6	105	-0.01
19 T	Methyl tert-butyl Ether	1.100	1.032	6.2	107	0.00
20 T	Methylene Chloride	0.487	0.368	24.4	115	0.00
21 T	trans-1,2-Dichloroethene	0.314	0.312	0.6	117	0.00
22 T	Diisopropyl ether	1.225	1.238	-1.1	114	0.00
23 T	Vinyl Acetate	0.780	0.743	4.7	104	-0.01
24 P	1,1-Dichloroethane	0.760	0.734	3.4	111	0.00
25 T	2-Butanone	0.209	0.191	8.6	104	-0.02
26 T	2,2-Dichloropropane	0.524	0.526	-0.4	113	0.00
27 T	cis-1,2-Dichloroethene	0.477	0.454	4.8	110	-0.01
28 T	Bromochloromethane	0.331	0.292	11.8	107	-0.01
29	Tetrahydrofuran	0.091	0.080	12.1	102	0.00
30 C	Chloroform	1.100	1.033	6.1#	107	-0.01
31 T	Cyclohexane	0.498	0.478	4.0	111	0.00
32 T	1,1,1-Trichloroethane	0.805	0.761	5.5	107	-0.01
33 S	1,2-Dichloroethane-d4	0.646	0.591	8.5	108	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	-0.01
35 S	Dibromofluoromethane	0.365	0.325	11.0	106	-0.01
36 T	1,1-Dichloropropene	0.437	0.410	6.2	112	-0.01
37 T	Ethyl Acetate	0.306	0.261	14.7	98	-0.02
38 T	Carbon Tetrachloride	0.551	0.527	4.4	111	0.00
39 T	Methylcyclohexane	0.387	0.388	-0.3	117	-0.01
40 TM	Benzene	0.968	0.895	7.5	109	0.00
41 T	Methacrylonitrile	0.149	0.133	10.7	100	-0.01
42 TM	1,2-Dichloroethane	0.566	0.493	12.9	99	-0.01
43 T	Isopropyl Acetate	0.364	0.331	9.1	102	-0.01
44 TM	Trichloroethene	0.332	0.308	7.2	110	-0.01
45 C	1,2-Dichloropropane	0.277	0.267	3.6#	114	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.240	0.221	7.9	100	-0.01
47 T	Bromodichloromethane	0.581	0.546	6.0	104	-0.01
48 T	Methyl methacrylate	0.244	0.229	6.1	103	-0.01
49 T	1,4-Dioxane	0.001	0.001	0.0	92	-0.01
50 S	Toluene-d8	0.905	0.845	6.6	109	-0.01
51 T	4-Methyl-2-Pentanone	0.270	0.245	9.3	101	-0.01
52 CM	Toluene	0.725	0.648	10.6#	103	-0.01
53 T	t-1,3-Dichloropropene	0.530	0.509	4.0	108	-0.01
54 T	cis-1,3-Dichloropropene	0.576	0.544	5.6	103	-0.01
55 T	1,1,2-Trichloroethane	0.281	0.261	7.1	101	-0.01
56 T	Ethyl methacrylate	0.349	0.328	6.0	101	-0.01
57 T	1,3-Dichloropropane	0.483	0.440	8.9	104	-0.01
58 T	2-Chloroethyl Vinyl ether	0.026	0.023	11.5	102	-0.01
59 T	2-Hexanone	0.224	0.198	11.6	98	-0.01
60 T	Dibromochloromethane	0.434	0.410	5.5	99	-0.01
61 T	1,2-Dibromoethane	0.341	0.313	8.2	99	-0.02
62 S	4-Bromofluorobenzene	0.510	0.471	7.6	110	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	-0.01
64 T	Tetrachloroethene	0.324	0.301	7.1	104	-0.01
65 PM	Chlorobenzene	0.927	0.867	6.5	110	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.401	0.362	9.7	105	-0.01
67 C	Ethyl Benzene	1.572	1.483	5.7#	113	-0.01
68 T	m/p-Xylenes	0.559	0.516	7.7	110	-0.01
69 T	o-Xylene	0.626	0.571	8.8	106	0.00
70 T	Styrene	0.953	0.856	10.2	104	-0.01
71 P	Bromoform	0.275	0.243	11.6	98	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	-0.01
73 T	Isopropylbenzene	2.913	2.910	0.1	106	-0.01
74 T	N-amyl acetate	1.057	1.044	1.2	103	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.736	0.670	9.0	94	-0.01
76 T	1,2,3-Trichloropropane	0.555	0.505	9.0	97	-0.01
77 T	Bromobenzene	0.808	0.783	3.1	104	0.00
78 T	n-propylbenzene	3.498	3.375	3.5	107	-0.01
79 T	2-Chlorotoluene	2.137	2.047	4.2	107	-0.01
80 T	1,3,5-Trimethylbenzene	2.552	2.480	2.8	106	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.330	0.306	7.3	96	0.00
82 T	4-Chlorotoluene	2.289	2.179	4.8	102	-0.01
83 T	tert-Butylbenzene	2.552	2.564	-0.5	107	-0.01
84 T	1,2,4-Trimethylbenzene	2.687	2.530	5.8	102	-0.01
85 T	sec-Butylbenzene	3.383	3.249	4.0	103	-0.01
86 T	p-Isopropyltoluene	2.839	2.810	1.0	106	0.00
87 T	1,3-Dichlorobenzene	1.493	1.426	4.5	106	0.00
88 T	1,4-Dichlorobenzene	1.443	1.399	3.0	107	0.00
89 T	n-Butylbenzene	2.882	2.774	3.7	108	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.708	0.699	1.3	106	-0.01
91 T	1,2-Dichlorobenzene	1.467	1.390	5.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.152	6.7	93	-0.01
93 T	1,2,4-Trichlorobenzene	1.085	1.034	4.7	98	-0.01
94 T	Hexachlorobutadiene	0.606	0.607	-0.2	107	-0.01
95 T	Naphthalene	2.270	2.218	2.3	95	-0.01
96 T	1,2,3-Trichlorobenzene	1.028	0.994	3.3	98	0.00

(#) = Out of Range

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