

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061014.D
 Acq On : 14 Dec 2018 12:15
 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 15 00:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	99	-0.05
2 T	Dichlorodifluoromethane	0.748	0.619	17.2	83	-0.02
3 P	Chloromethane	0.486	0.463	4.7	105	-0.01
4 C	Vinyl Chloride	0.454	0.452	0.4#	102	-0.02
5 T	Bromomethane	0.320	0.330	-3.1	99	-0.02
6 T	Chloroethane	0.196	0.208	-6.1	101	-0.01
7 T	Trichlorofluoromethane	0.974	0.969	0.5	96	-0.01
8 T	Diethyl Ether	0.140	0.146	-4.3	104	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.533	-8.3	106	-0.01
10 T	Methyl Iodide	0.748	0.796	-6.4	105	-0.02
11 T	Tert butyl alcohol	0.024	0.025	-4.2	99	-0.02
12 CM	1,1-Dichloroethene	0.396	0.428	-8.1#	108	-0.02
13 T	Acrolein	0.023	0.018	21.7	72	-0.03
14 T	Allyl chloride	0.493	0.513	-4.1	91	-0.03
15 T	Acrylonitrile	0.054	0.060	-11.1	110	-0.04
16 T	Acetone	0.109	0.138	-26.6#	123	-0.03
17 T	Carbon Disulfide	1.062	0.922	13.2	89	-0.01
18 T	Methyl Acetate	0.199	0.224	-12.6	124	-0.03
19 T	Methyl tert-butyl Ether	0.892	0.926	-3.8	102	-0.03
20 T	Methylene Chloride	0.398	0.396	0.5	104	-0.09
21 T	trans-1,2-Dichloroethene	0.382	0.408	-6.8	104	-0.04
22 T	Diisopropyl ether	1.343	1.516	-12.9	110	-0.04
23 T	Vinyl Acetate	0.614	0.699	-13.8	110	-0.04
24 P	1,1-Dichloroethane	0.799	0.893	-11.8	105	-0.04
25 T	2-Butanone	0.188	0.206	-9.6	106	-0.05
26 T	2,2-Dichloropropane	0.518	0.544	-5.0	100	-0.05
27 T	cis-1,2-Dichloroethene	0.621	0.679	-9.3	108	-0.05
28 T	Bromochloromethane	0.384	0.374	2.6	102	-0.06
29	Tetrahydrofuran	0.080	0.077	3.8	98	-0.06
30 C	Chloroform	1.230	1.280	-4.1#	104	-0.05
31 T	Cyclohexane	0.829	0.802	3.3	100	-0.06
32 T	1,1,1-Trichloroethane	0.853	0.911	-6.8	98	-0.06
33 S	1,2-Dichloroethane-d4	0.589	0.555	5.8	89	-0.05
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	-0.06
35 S	Dibromofluoromethane	0.397	0.366	7.8	93	-0.05
36 T	1,1-Dichloropropene	0.555	0.536	3.4	99	-0.06
37 T	Ethyl Acetate	0.225	0.219	2.7	101	-0.06
38 T	Carbon Tetrachloride	0.490	0.473	3.5	90	-0.05
39 T	Methylcyclohexane	0.581	0.527	9.3	92	-0.05
40 TM	Benzene	1.225	1.149	6.2	98	-0.06
41 T	Methacrylonitrile	0.133	0.120	9.8	104	-0.06
42 TM	1,2-Dichloroethane	0.447	0.450	-0.7	98	-0.05
43 T	Isopropyl Acetate	0.307	0.282	8.1	99	-0.05
44 TM	Trichloroethene	0.401	0.379	5.5	99	-0.05
45 C	1,2-Dichloropropane	0.318	0.346	-8.8#	105	-0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.216	0.214	0.9	98	-0.05
47 T	Bromodichloromethane	0.573	0.581	-1.4	100	-0.05
48 T	Methyl methacrylate	0.204	0.202	1.0	100	-0.05
49 T	1,4-Dioxane	0.001	0.001	0.0	87	-0.05
50 S	Toluene-d8	1.168	1.050	10.1	92	-0.05
51 T	4-Methyl-2-Pentanone	0.208	0.203	2.4	104	-0.05
52 CM	Toluene	0.861	0.787	8.6#	101	-0.05
53 T	t-1,3-Dichloropropene	0.466	0.452	3.0	100	-0.05
54 T	cis-1,3-Dichloropropene	0.577	0.590	-2.3	101	-0.05
55 T	1,1,2-Trichloroethane	0.251	0.248	1.2	101	-0.05
56 T	Ethyl methacrylate	0.279	0.276	1.1	95	-0.04
57 T	1,3-Dichloropropane	0.439	0.432	1.6	97	-0.06
58 T	2-Chloroethyl Vinyl ether	0.028	0.050	-78.6#	186#	-0.06
59 T	2-Hexanone	0.146	0.155	-6.2	113	-0.05
60 T	Dibromochloromethane	0.374	0.378	-1.1	100	-0.05
61 T	1,2-Dibromoethane	0.271	0.269	0.7	101	-0.05
62 S	4-Bromofluorobenzene	0.531	0.458	13.7	88	-0.04
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	-0.05
64 T	Tetrachloroethene	0.382	0.392	-2.6	99	-0.05
65 PM	Chlorobenzene	0.973	1.037	-6.6	93	-0.05
66 T	1,1,1,2-Tetrachloroethane	0.418	0.432	-3.3	94	-0.05
67 C	Ethyl Benzene	1.811	1.902	-5.0#	95	-0.04
68 T	m/p-Xylenes	0.651	0.672	-3.2	97	-0.05
69 T	o-Xylene	0.718	0.779	-8.5	100	-0.05
70 T	Styrene	0.996	1.064	-6.8	98	-0.04
71 P	Bromoform	0.202	0.218	-7.9	98	-0.05
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	-0.03
73 T	Isopropylbenzene	3.951	4.371	-10.6	100	-0.04
74 T	N-amyl acetate	0.912	1.009	-10.6	100	-0.04
75 P	1,1,2,2-Tetrachloroethane	0.650	0.767	-18.0	105	-0.04
76 T	1,2,3-Trichloropropane	0.473	0.514	-8.7	98	-0.04
77 T	Bromobenzene	0.866	0.934	-7.9	93	-0.04
78 T	n-propylbenzene	4.627	5.015	-8.4	98	-0.03
79 T	2-Chlorotoluene	2.653	2.992	-12.8	102	-0.04
80 T	1,3,5-Trimethylbenzene	3.208	3.454	-7.7	97	-0.04
81 T	trans-1,4-Dichloro-2-butene	0.232	0.233	-0.4	92	-0.03
82 T	4-Chlorotoluene	2.792	2.974	-6.5	100	-0.03
83 T	tert-Butylbenzene	3.267	3.667	-12.2	103	-0.04
84 T	1,2,4-Trimethylbenzene	3.201	3.325	-3.9	91	-0.03
85 T	sec-Butylbenzene	4.473	4.863	-8.7	100	-0.03
86 T	p-Isopropyltoluene	3.750	3.949	-5.3	99	-0.03
87 T	1,3-Dichlorobenzene	1.648	1.733	-5.2	97	-0.04
88 T	1,4-Dichlorobenzene	1.606	1.669	-3.9	95	-0.04
89 T	n-Butylbenzene	3.792	4.186	-10.4	100	-0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.903	1.047	-15.9	102	-0.03
91 T	1,2-Dichlorobenzene	1.560	1.681	-7.8	96	-0.04
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.131	-4.0	93	-0.04
93 T	1,2,4-Trichlorobenzene	1.090	1.178	-8.1	98	-0.03
94 T	Hexachlorobutadiene	0.727	0.832	-14.4	105	-0.03
95 T	Naphthalene	2.404	2.249	6.4	94	-0.03
96 T	1,2,3-Trichlorobenzene	1.012	1.052	-4.0	93	-0.03

(#) = Out of Range

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