

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052119\
 Data File : VF062675.D
 Acq On : 21 May 2019 10:21
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 04:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	121	-0.01
2 T	Dichlorodifluoromethane	0.680	0.585	14.0	103	0.00
3 P	Chloromethane	0.627	0.515	17.9	93	0.00
4 C	Vinyl Chloride	0.577	0.508	12.0#	97	0.00
5 T	Bromomethane	0.315	0.291	7.6	104	0.00
6 T	Chloroethane	0.212	0.193	9.0	94	0.00
7 T	Trichlorofluoromethane	0.774	0.700	9.6	99	0.01
8 T	Diethyl Ether	0.153	0.169	-10.5	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.475	3.7	108	0.00
10 T	Methyl Iodide	0.969	0.924	4.6	107	0.00
11 T	Tert butyl alcohol	0.023	0.027	-17.4	138	0.00
12 CM	1,1-Dichloroethene	0.449	0.442	1.6#	110	0.00
13 T	Acrolein	0.024	0.022	8.3	100	0.00
14 T	Allyl chloride	0.407	0.410	-0.7	109	0.00
15 T	Acrylonitrile	0.066	0.061	7.6	118	0.00
16 T	Acetone	0.092	0.109	-18.5	129	0.00
17 T	Carbon Disulfide	1.331	1.209	9.2	98	0.00
18 T	Methyl Acetate	0.144	0.149	-3.5	126	0.00
19 T	Methyl tert-butyl Ether	0.803	0.816	-1.6	113	0.00
20 T	Methylene Chloride	0.459	0.424	7.6	111	0.00
21 T	trans-1,2-Dichloroethene	0.439	0.438	0.2	112	0.00
22 T	Diisopropyl ether	1.003	1.004	-0.1	118	0.00
23 T	Vinyl Acetate	0.676	0.673	0.4	114	0.00
24 P	1,1-Dichloroethane	0.736	0.730	0.8	112	0.00
25 T	2-Butanone	0.196	0.217	-10.7	123	0.00
26 T	2,2-Dichloropropane	0.421	0.445	-5.7	119	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.743	-2.9	118	-0.01
28 T	Bromochloromethane	0.413	0.346	16.2	110	-0.01
29	Tetrahydrofuran	0.079	0.083	-5.1	127	-0.01
30 C	Chloroform	1.021	1.012	0.9#	111	-0.01
31 T	Cyclohexane	0.988	0.906	8.3	103	-0.01
32 T	1,1,1-Trichloroethane	0.678	0.680	-0.3	110	0.00
33 S	1,2-Dichloroethane-d4	0.353	0.332	5.9	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	-0.01
35 S	Dibromofluoromethane	0.383	0.368	3.9	116	0.00
36 T	1,1-Dichloropropene	0.512	0.540	-5.5	115	-0.01
37 T	Ethyl Acetate	0.209	0.212	-1.4	122	0.00
38 T	Carbon Tetrachloride	0.385	0.389	-1.0	99	-0.01
39 T	Methylcyclohexane	0.616	0.659	-7.0	113	-0.01
40 TM	Benzene	1.396	1.399	-0.2	113	0.00
41 T	Methacrylonitrile	0.110	0.116	-5.5	119	0.00
42 TM	1,2-Dichloroethane	0.278	0.307	-10.4	118	0.00
43 T	Isopropyl Acetate	0.271	0.261	3.7	116	0.00
44 TM	Trichloroethene	0.392	0.419	-6.9	118	0.00
45 C	1,2-Dichloropropane	0.352	0.361	-2.6#	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.204	0.230	-12.7	126	0.00
47 T	Bromodichloromethane	0.423	0.465	-9.9	120	-0.01
48 T	Methyl methacrylate	0.142	0.151	-6.3	118	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	119	0.00
50 S	Toluene-d8	0.914	0.874	4.4	116	0.00
51 T	4-Methyl-2-Pentanone	0.185	0.188	-1.6	125	0.00
52 CM	Toluene	0.732	0.779	-6.4#	121	0.00
53 T	t-1,3-Dichloropropene	0.346	0.385	-11.3	122	0.00
54 T	cis-1,3-Dichloropropene	0.484	0.534	-10.3	123	-0.01
55 T	1,1,2-Trichloroethane	0.217	0.235	-8.3	126	-0.01
56 T	Ethyl methacrylate	0.258	0.261	-1.2	125	0.00
57 T	1,3-Dichloropropane	0.369	0.394	-6.8	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.084	0.094	-11.9	128	0.00
59 T	2-Hexanone	0.135	0.140	-3.7	127	-0.01
60 T	Dibromochloromethane	0.282	0.325	-15.2	127	-0.01
61 T	1,2-Dibromoethane	0.230	0.256	-11.3	128	0.00
62 S	4-Bromofluorobenzene	0.346	0.309	10.7	111	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
64 T	Tetrachloroethene	0.396	0.412	-4.0	118	0.00
65 PM	Chlorobenzene	0.982	1.019	-3.8	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.427	-8.4	117	-0.01
67 C	Ethyl Benzene	1.706	1.706	0.0	112	0.00
68 T	m/p-Xylenes	0.641	0.649	-1.2	110	-0.01
69 T	o-Xylene	0.660	0.673	-2.0	113	0.00
70 T	Styrene	1.004	0.996	0.8	111	0.00
71 P	Bromoform	0.197	0.236	-19.8	138	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.584	3.648	-1.8	111	0.00
74 T	N-amyl acetate	1.106	0.986	10.8	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.773	-5.6	114	0.00
76 T	1,2,3-Trichloropropane	0.481	0.500	-4.0	111	-0.01
77 T	Bromobenzene	0.891	0.935	-4.9	108	0.00
78 T	n-propylbenzene	4.241	3.989	5.9	100	-0.01
79 T	2-Chlorotoluene	2.390	2.380	0.4	108	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.865	0.3	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.251	-17.3	122	0.00
82 T	4-Chlorotoluene	2.357	2.319	1.6	103	0.00
83 T	tert-Butylbenzene	2.915	3.074	-5.5	110	0.00
84 T	1,2,4-Trimethylbenzene	2.781	2.813	-1.2	108	0.00
85 T	sec-Butylbenzene	3.912	3.788	3.2	103	0.00
86 T	p-Isopropyltoluene	3.297	3.208	2.7	104	0.00
87 T	1,3-Dichlorobenzene	1.612	1.589	1.4	105	0.00
88 T	1,4-Dichlorobenzene	1.512	1.549	-2.4	109	0.00
89 T	n-Butylbenzene	3.251	3.117	4.1	103	0.00

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90 T	Hexachloroethane	0.791	0.873	-10.4	111	0.00
91 T	1,2-Dichlorobenzene	1.437	1.505	-4.7	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.101	-16.1	124	0.00
93 T	1,2,4-Trichlorobenzene	1.028	1.091	-6.1	115	0.00
94 T	Hexachlorobutadiene	0.718	0.757	-5.4	113	0.00
95 T	Naphthalene	1.868	1.982	-6.1	120	0.00
96 T	1,2,3-Trichlorobenzene	0.974	1.049	-7.7	114	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5