

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052019\
 Data File : VF062652.D
 Acq On : 20 May 2019 10:28
 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 21 03:11:06 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	123	0.00
2 T	Dichlorodifluoromethane	0.680	0.580	14.7	104	0.00
3 P	Chloromethane	0.627	0.493	21.4	91	0.01
4 C	Vinyl Chloride	0.577	0.474	17.9#	92	0.00
5 T	Bromomethane	0.315	0.307	2.5	111	0.01
6 T	Chloroethane	0.212	0.189	10.8	93	0.02
7 T	Trichlorofluoromethane	0.774	0.629	18.7	91	0.02
8 T	Diethyl Ether	0.153	0.130	15.0	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.406	17.6	94	0.01
10 T	Methyl Iodide	0.969	0.846	12.7	99	0.02
11 T	Tert butyl alcohol	0.023	0.023	0.0	120	0.01
12 CM	1,1-Dichloroethene	0.449	0.373	16.9#	94	0.01
13 T	Acrolein	0.024	0.021	12.5	97	0.00
14 T	Allyl chloride	0.407	0.246	39.6#	67	0.00
15 T	Acrylonitrile	0.066	0.102	-54.5#	198#	0.00
16 T	Acetone	0.092	0.109	-18.5	132	0.00
17 T	Carbon Disulfide	1.331	1.120	15.9	92	0.00
18 T	Methyl Acetate	0.144	0.146	-1.4	126	0.00
19 T	Methyl tert-butyl Ether	0.803	0.765	4.7	108	0.00
20 T	Methylene Chloride	0.459	0.367	20.0	98	0.02
21 T	trans-1,2-Dichloroethene	0.439	0.412	6.2	107	0.00
22 T	Diisopropyl ether	1.003	0.938	6.5	112	0.00
23 T	Vinyl Acetate	0.676	0.699	-3.4	120	0.00
24 P	1,1-Dichloroethane	0.736	0.620	15.8	97	0.00
25 T	2-Butanone	0.196	0.220	-12.2	126	0.00
26 T	2,2-Dichloropropane	0.421	0.355	15.7	97	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.695	3.7	113	0.00
28 T	Bromochloromethane	0.413	0.350	15.3	113	0.00
29	Tetrahydrofuran	0.079	0.083	-5.1	129	0.00
30 C	Chloroform	1.021	0.987	3.3#	110	0.00
31 T	Cyclohexane	0.988	0.954	3.4	110	-0.02
32 T	1,1,1-Trichloroethane	0.678	0.703	-3.7	116	0.00
33 S	1,2-Dichloroethane-d4	0.353	0.324	8.2	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
35 S	Dibromofluoromethane	0.383	0.351	8.4	118	0.00
36 T	1,1-Dichloropropene	0.512	0.498	2.7	113	-0.02
37 T	Ethyl Acetate	0.209	0.213	-1.9	131	0.00
38 T	Carbon Tetrachloride	0.385	0.314	18.4	85	-0.02
39 T	Methylcyclohexane	0.616	0.629	-2.1	115	-0.02
40 TM	Benzene	1.396	1.395	0.1	120	0.00
41 T	Methacrylonitrile	0.110	0.116	-5.5	126	0.00
42 TM	1,2-Dichloroethane	0.278	0.282	-1.4	116	0.00
43 T	Isopropyl Acetate	0.271	0.275	-1.5	130	0.00
44 TM	Trichloroethene	0.392	0.392	0.0	117	0.00
45 C	1,2-Dichloropropane	0.352	0.355	-0.9#	116	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.204	0.208	-2.0	122	0.00
47 T	Bromodichloromethane	0.423	0.442	-4.5	122	0.00
48 T	Methyl methacrylate	0.142	0.153	-7.7	128	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	129	0.00
50 S	Toluene-d8	0.914	0.889	2.7	126	0.00
51 T	4-Methyl-2-Pentanone	0.185	0.180	2.7	127	0.00
52 CM	Toluene	0.732	0.765	-4.5#	126	0.00
53 T	t-1,3-Dichloropropene	0.346	0.383	-10.7	129	0.00
54 T	cis-1,3-Dichloropropene	0.484	0.517	-6.8	126	0.00
55 T	1,1,2-Trichloroethane	0.217	0.228	-5.1	131	0.00
56 T	Ethyl methacrylate	0.258	0.264	-2.3	135	0.00
57 T	1,3-Dichloropropane	0.369	0.386	-4.6	127	0.00
58 T	2-Chloroethyl Vinyl ether	0.084	0.086	-2.4	124	0.00
59 T	2-Hexanone	0.135	0.144	-6.7	140	0.00
60 T	Dibromochloromethane	0.282	0.319	-13.1	133	-0.02
61 T	1,2-Dibromoethane	0.230	0.248	-7.8	132	0.00
62 S	4-Bromofluorobenzene	0.346	0.352	-1.7	134	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.396	0.435	-9.8	129	0.00
65 PM	Chlorobenzene	0.982	1.043	-6.2	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.429	-8.9	122	0.00
67 C	Ethyl Benzene	1.706	1.735	-1.7#	118	0.00
68 T	m/p-Xylenes	0.641	0.653	-1.9	114	0.00
69 T	o-Xylene	0.660	0.745	-12.9	130	0.00
70 T	Styrene	1.004	1.095	-9.1	126	0.00
71 P	Bromoform	0.197	0.252	-27.9#	153#	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.584	3.795	-5.9	124	0.00
74 T	N-amyl acetate	1.106	1.075	2.8	134	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.801	-9.4	128	0.00
76 T	1,2,3-Trichloropropane	0.481	0.523	-8.7	125	0.00
77 T	Bromobenzene	0.891	0.996	-11.8	125	0.00
78 T	n-propylbenzene	4.241	4.290	-1.2	116	0.00
79 T	2-Chlorotoluene	2.390	2.585	-8.2	126	0.00
80 T	1,3,5-Trimethylbenzene	2.873	3.015	-4.9	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.254	-18.7	133	0.00
82 T	4-Chlorotoluene	2.357	2.453	-4.1	117	0.00
83 T	tert-Butylbenzene	2.915	3.120	-7.0	120	0.00
84 T	1,2,4-Trimethylbenzene	2.781	2.795	-0.5	116	0.00
85 T	sec-Butylbenzene	3.912	3.915	-0.1	115	0.00
86 T	p-Isopropyltoluene	3.297	3.392	-2.9	119	0.00
87 T	1,3-Dichlorobenzene	1.612	1.657	-2.8	118	0.00
88 T	1,4-Dichlorobenzene	1.512	1.529	-1.1	116	0.00
89 T	n-Butylbenzene	3.251	3.217	1.0	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.791	0.877	-10.9	120	0.00
91 T	1,2-Dichlorobenzene	1.437	1.484	-3.3	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.107	-23.0	143	0.00
93 T	1,2,4-Trichlorobenzene	1.028	1.206	-17.3	138	0.00
94 T	Hexachlorobutadiene	0.718	0.859	-19.6	138	0.00
95 T	Naphthalene	1.868	2.079	-11.3	136	0.00
96 T	1,2,3-Trichlorobenzene	0.974	1.155	-18.6	136	0.00

(#) = Out of Range

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