

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051519\
 Data File : VF062603.D
 Acq On : 15 May 2019 11:50
 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 15 15:35:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 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	118	0.00
2 T	Dichlorodifluoromethane	0.547	0.423	22.7	117	0.00
3 P	Chloromethane	0.570	0.466	18.2	112	0.00
4 C	Vinyl Chloride	0.568	0.475	16.4#	112	0.00
5 T	Bromomethane	0.279	0.248	11.1	115	0.00
6 T	Chloroethane	0.216	0.204	5.6	123	0.00
7 T	Trichlorofluoromethane	0.778	0.685	12.0	116	0.00
8 T	Diethyl Ether	0.174	0.149	14.4	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.439	17.2	106	0.00
10 T	Methyl Iodide	0.945	0.805	14.8	113	0.00
11 T	Tert butyl alcohol	0.023	0.022	4.3	120	0.00
12 CM	1,1-Dichloroethene	0.454	0.394	13.2#	111	0.00
13 T	Acrolein	0.015	0.021	-40.0#	250#	0.00
14 T	Allyl chloride	0.465	0.495	-6.5	131	0.00
15 T	Acrylonitrile	0.081	0.091	-12.3	171#	0.00
16 T	Acetone	0.077	0.093	-20.8	143	0.00
17 T	Carbon Disulfide	1.146	0.886	22.7	108	0.00
18 T	Methyl Acetate	0.194	0.167	13.9	125	0.00
19 T	Methyl tert-butyl Ether	0.809	0.828	-2.3	122	0.00
20 T	Methylene Chloride	0.523	0.421	19.5	111	0.00
21 T	trans-1,2-Dichloroethene	0.458	0.396	13.5	119	0.00
22 T	Diisopropyl ether	1.081	1.048	3.1	116	0.00
23 T	Vinyl Acetate	0.591	0.564	4.6	113	0.00
24 P	1,1-Dichloroethane	0.823	0.723	12.2	113	0.00
25 T	2-Butanone	0.173	0.178	-2.9	122	0.00
26 T	2,2-Dichloropropane	0.444	0.442	0.5	122	0.00
27 T	cis-1,2-Dichloroethene	0.647	0.612	5.4	119	0.00
28 T	Bromochloromethane	0.463	0.406	12.3	105	0.00
29	Tetrahydrofuran	0.073	0.068	6.8	112	0.00
30 C	Chloroform	0.987	0.908	8.0#	112	0.00
31 T	Cyclohexane	0.858	0.757	11.8	122	-0.02
32 T	1,1,1-Trichloroethane	0.666	0.610	8.4	112	0.00
33 S	1,2-Dichloroethane-d4	0.378	0.358	5.3	114	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.372	0.367	1.3	113	0.00
36 T	1,1-Dichloropropene	0.433	0.414	4.4	119	0.00
37 T	Ethyl Acetate	0.178	0.165	7.3	110	0.00
38 T	Carbon Tetrachloride	0.355	0.340	4.2	118	0.00
39 T	Methylcyclohexane	0.507	0.477	5.9	121	0.00
40 TM	Benzene	1.231	1.176	4.5	117	0.00
41 T	Methacrylonitrile	0.101	0.100	1.0	113	-0.02
42 TM	1,2-Dichloroethane	0.261	0.243	6.9	115	0.00
43 T	Isopropyl Acetate	0.210	0.223	-6.2	129	0.00
44 TM	Trichloroethene	0.332	0.318	4.2	119	0.00
45 C	1,2-Dichloropropane	0.310	0.312	-0.6#	123	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.173	0.174	-0.6	117	0.00
47 T	Bromodichloromethane	0.372	0.383	-3.0	119	0.00
48 T	Methyl methacrylate	0.115	0.114	0.9	118	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	101	-0.02
50 S	Toluene-d8	0.877	0.884	-0.8	112	0.00
51 T	4-Methyl-2-Pentanone	0.154	0.159	-3.2	122	0.00
52 CM	Toluene	0.618	0.604	2.3#	118	0.00
53 T	t-1,3-Dichloropropene	0.294	0.289	1.7	115	0.00
54 T	cis-1,3-Dichloropropene	0.416	0.415	0.2	116	0.00
55 T	1,1,2-Trichloroethane	0.185	0.192	-3.8	121	0.00
56 T	Ethyl methacrylate	0.203	0.208	-2.5	121	0.00
57 T	1,3-Dichloropropane	0.305	0.301	1.3	117	0.00
58 T	2-Chloroethyl Vinyl ether	0.063	0.062	1.6	113	0.00
59 T	2-Hexanone	0.102	0.111	-8.8	129	0.00
60 T	Dibromochloromethane	0.235	0.253	-7.7	124	0.00
61 T	1,2-Dibromoethane	0.186	0.189	-1.6	120	0.00
62 S	4-Bromofluorobenzene	0.306	0.305	0.3	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.330	0.316	4.2	121	0.00
65 PM	Chlorobenzene	0.869	0.831	4.4	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.375	-5.0	122	0.00
67 C	Ethyl Benzene	1.544	1.482	4.0#	112	0.00
68 T	m/p-Xylenes	0.547	0.538	1.6	116	0.00
69 T	o-Xylene	0.574	0.579	-0.9	116	0.00
70 T	Styrene	0.873	0.830	4.9	110	0.00
71 P	Bromoform	0.168	0.178	-6.0	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.362	3.251	3.3	112	0.00
74 T	N-amyl acetate	0.816	0.850	-4.2	120	0.00
75 P	1,1,2,2-Tetrachloroethane	0.689	0.668	3.0	115	0.00
76 T	1,2,3-Trichloropropane	0.442	0.424	4.1	116	0.00
77 T	Bromobenzene	0.760	0.767	-0.9	118	0.00
78 T	n-propylbenzene	3.999	3.752	6.2	113	0.00
79 T	2-Chlorotoluene	2.207	2.120	3.9	113	0.00
80 T	1,3,5-Trimethylbenzene	2.632	2.650	-0.7	118	0.00
81 T	trans-1,4-Dichloro-2-butene	0.188	0.191	-1.6	117	0.00
82 T	4-Chlorotoluene	2.158	2.113	2.1	117	0.00
83 T	tert-Butylbenzene	2.753	2.843	-3.3	118	0.00
84 T	1,2,4-Trimethylbenzene	2.585	2.524	2.4	115	0.00
85 T	sec-Butylbenzene	3.737	3.672	1.7	116	0.00
86 T	p-Isopropyltoluene	3.076	3.100	-0.8	116	0.00
87 T	1,3-Dichlorobenzene	1.486	1.405	5.5	112	0.00
88 T	1,4-Dichlorobenzene	1.394	1.346	3.4	113	0.00
89 T	n-Butylbenzene	3.131	2.989	4.5	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.788	0.794	-0.8	117	0.00
91 T	1,2-Dichlorobenzene	1.318	1.338	-1.5	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.083	2.4	106	0.00
93 T	1,2,4-Trichlorobenzene	0.917	0.930	-1.4	116	0.00
94 T	Hexachlorobutadiene	0.666	0.651	2.3	113	0.00
95 T	Naphthalene	1.492	1.680	-12.6	124	0.00
96 T	1,2,3-Trichlorobenzene	0.850	0.893	-5.1	120	0.00

(#) = Out of Range

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