

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF050719\
 Data File : VF062349.D
 Acq On : 7 May 2019 10:03
 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 07 15:57:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	0.579	0.458	20.9#	101	0.00
3 P	Chloromethane	0.382	0.313	18.1	107	-0.01
4 C	Vinyl Chloride	0.381	0.315	17.3#	104	0.00
5 T	Bromomethane	0.322	0.259	19.6	103	0.00
6 T	Chloroethane	0.191	0.165	13.6	103	-0.01
7 T	Trichlorofluoromethane	0.790	0.680	13.9	99	-0.01
8 T	Diethyl Ether	0.120	0.102	15.0	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.451	0.375	16.9	98	-0.01
10 T	Methyl Iodide	0.743	0.666	10.4	106	-0.01
11 T	Tert butyl alcohol	0.027	0.023	14.8	99	-0.02
12 CM	1,1-Dichloroethene	0.383	0.318	17.0#	103	-0.01
13 T	Acrolein	0.020	0.021	-5.0	136	0.00
14 T	Allyl chloride	0.339	0.486	-43.4#	182#	0.00
15 T	Acrylonitrile	0.051	0.047	7.8	104	0.00
16 T	Acetone	0.096	0.116	-20.8#	134	-0.01
17 T	Carbon Disulfide	0.836	0.713	14.7	104	-0.01
18 T	Methyl Acetate	0.202	0.148	26.7#	95	-0.01
19 T	Methyl tert-butyl Ether	0.791	0.715	9.6	104	0.00
20 T	Methylene Chloride	0.346	0.290	16.2	104	-0.02
21 T	trans-1,2-Dichloroethene	0.365	0.301	17.5	99	0.00
22 T	Diisopropyl ether	1.058	0.954	9.8	98	-0.01
23 T	Vinyl Acetate	0.472	0.441	6.6	97	0.00
24 P	1,1-Dichloroethane	0.640	0.603	5.8	104	0.00
25 T	2-Butanone	0.120	0.125	-4.2	115	-0.01
26 T	2,2-Dichloropropane	0.357	0.329	7.8	105	0.00
27 T	cis-1,2-Dichloroethene	0.457	0.402	12.0	100	0.00
28 T	Bromochloromethane	0.290	0.294	-1.4	103	0.00
29 T	Tetrahydrofuran	0.055	0.048	12.7	101	0.00
30 C	Chloroform	0.864	0.756	12.5#	94	0.00
31 T	Cyclohexane	0.511	0.443	13.3	100	0.00
32 T	1,1,1-Trichloroethane	0.741	0.667	10.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.473	0.489	-3.4	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.398	0.407	-2.3	104	0.00
36 T	1,1-Dichloropropene	0.430	0.395	8.1	100	0.00
37 T	Ethyl Acetate	0.196	0.162	17.3	97	0.00
38 T	Carbon Tetrachloride	0.490	0.459	6.3	108	0.00
39 T	Methylcyclohexane	0.431	0.391	9.3	95	0.00
40 TM	Benzene	0.946	0.873	7.7	103	0.00
41 T	Methacrylonitrile	0.103	0.089	13.6	96	0.00
42 TM	1,2-Dichloroethane	0.396	0.368	7.1	97	0.00
43 T	Isopropyl Acetate	0.195	0.179	8.2	101	0.00
44 TM	Trichloroethene	0.347	0.309	11.0	96	0.00
45 C	1,2-Dichloropropane	0.214	0.208	2.8#	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.178	0.165	7.3	99	0.00
47 T	Bromodichloromethane	0.444	0.411	7.4	99	0.00
48 T	Methyl methacrylate	0.138	0.134	2.9	101	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	105	0.00
50 S	Toluene-d8	0.964	1.056	-9.5	112	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.138	6.8	100	-0.01
52 CM	Toluene	0.583	0.540	7.4#	103	0.00
53 T	t-1,3-Dichloropropene	0.336	0.315	6.3	98	0.00
54 T	cis-1,3-Dichloropropene	0.391	0.375	4.1	100	0.00
55 T	1,1,2-Trichloroethane	0.185	0.169	8.6	96	0.00
56 T	Ethyl methacrylate	0.196	0.172	12.2	97	-0.01
57 T	1,3-Dichloropropane	0.280	0.268	4.3	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.059	0.051	13.6	97	0.00
59 T	2-Hexanone	0.102	0.108	-5.9	115	0.00
60 T	Dibromochloromethane	0.303	0.289	4.6	99	0.00
61 T	1,2-Dibromoethane	0.218	0.195	10.6	94	0.00
62 S	4-Bromofluorobenzene	0.435	0.434	0.2	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.406	0.334	17.7	95	0.00
65 PM	Chlorobenzene	0.827	0.753	8.9	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.379	9.1	102	0.00
67 C	Ethyl Benzene	1.449	1.319	9.0#	103	0.00
68 T	m/p-Xylenes	0.534	0.477	10.7	106	0.00
69 T	o-Xylene	0.578	0.540	6.6	106	0.00
70 T	Styrene	0.866	0.770	11.1	102	0.00
71 P	Bromoform	0.229	0.207	9.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	2.964	2.756	7.0	101	0.00
74 T	N-amyl acetate	0.636	0.564	11.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.464	0.453	2.4	105	0.00
76 T	1,2,3-Trichloropropane	0.354	0.318	10.2	100	0.00
77 T	Bromobenzene	0.778	0.702	9.8	98	0.00
78 T	n-propylbenzene	3.156	2.924	7.4	104	0.00
79 T	2-Chlorotoluene	1.962	1.786	9.0	100	0.00
80 T	1,3,5-Trimethylbenzene	2.598	2.417	7.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.133	0.119	10.5	104	0.00
82 T	4-Chlorotoluene	1.938	1.834	5.4	104	0.00
83 T	tert-Butylbenzene	2.730	2.520	7.7	100	0.00
84 T	1,2,4-Trimethylbenzene	2.543	2.388	6.1	102	0.00
85 T	sec-Butylbenzene	3.323	3.092	7.0	103	0.00
86 T	p-Isopropyltoluene	3.088	2.917	5.5	105	0.00
87 T	1,3-Dichlorobenzene	1.421	1.276	10.2	102	0.00
88 T	1,4-Dichlorobenzene	1.371	1.215	11.4	96	0.00
89 T	n-Butylbenzene	2.747	2.611	5.0	107	0.00

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90 T	Hexachloroethane	0.771	0.732	5.1	102	0.00
91 T	1,2-Dichlorobenzene	1.375	1.226	10.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.098	5.8	105	0.00
93 T	1,2,4-Trichlorobenzene	1.233	1.140	7.5	102	0.00
94 T	Hexachlorobutadiene	0.919	0.874	4.9	103	0.00
95 T	Naphthalene	1.854	1.687	9.0	97	-0.01
96 T	1,2,3-Trichlorobenzene	1.195	1.134	5.1	102	0.00

(#) = Out of Range

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