

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF031919\
 Data File : VF062010.D
 Acq On : 19 Mar 2019 11:04
 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: Mar 20 05:33:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 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	109	-0.03
2 T	Dichlorodifluoromethane	0.533	0.523	1.9	109	-0.01
3 P	Chloromethane	0.542	0.550	-1.5	117	0.00
4 C	Vinyl Chloride	0.524	0.515	1.7#	111	-0.01
5 T	Bromomethane	0.368	0.389	-5.7	110	0.00
6 T	Chloroethane	0.270	0.267	1.1	105	-0.01
7 T	Trichlorofluoromethane	0.694	0.696	-0.3	109	0.00
8 T	Diethyl Ether	0.154	0.157	-1.9	105	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.473	3.3	111	-0.02
10 T	Methyl Iodide	0.856	0.867	-1.3	109	-0.02
11 T	Tert butyl alcohol	0.022	0.023	-4.5	104	-0.03
12 CM	1,1-Dichloroethene	0.422	0.408	3.3#	109	-0.02
13 T	Acrolein	0.024	0.019	20.8	96	0.00
14 T	Allyl chloride	0.539	0.560	-3.9	115	-0.02
15 T	Acrylonitrile	0.067	0.069	-3.0	110	-0.02
16 T	Acetone	0.081	0.096	-18.5	128	-0.01
17 T	Carbon Disulfide	1.220	1.189	2.5	107	-0.02
18 T	Methyl Acetate	0.165	0.173	-4.8	105	-0.02
19 T	Methyl tert-butyl Ether	0.765	0.732	4.3	101	-0.02
20 T	Methylene Chloride	0.416	0.411	1.2	114	-0.01
21 T	trans-1,2-Dichloroethene	0.440	0.418	5.0	103	-0.01
22 T	Diisopropyl ether	1.296	1.282	1.1	104	-0.02
23 T	Vinyl Acetate	0.511	0.510	0.2	105	-0.03
24 P	1,1-Dichloroethane	0.753	0.770	-2.3	109	-0.02
25 T	2-Butanone	0.160	0.157	1.9	108	-0.03
26 T	2,2-Dichloropropane	0.355	0.356	-0.3	108	-0.03
27 T	cis-1,2-Dichloroethene	0.555	0.546	1.6	105	-0.02
28 T	Bromochloromethane	0.313	0.304	2.9	103	-0.02
29	Tetrahydrofuran	0.070	0.066	5.7	101	-0.03
30 C	Chloroform	0.854	0.832	2.6#	108	-0.03
31 T	Cyclohexane	0.738	0.692	6.2	104	-0.02
32 T	1,1,1-Trichloroethane	0.567	0.582	-2.6	111	-0.03
33 S	1,2-Dichloroethane-d4	0.360	0.344	4.4	107	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.03
35 S	Dibromofluoromethane	0.336	0.330	1.8	104	-0.03
36 T	1,1-Dichloropropene	0.452	0.471	-4.2	103	-0.03
37 T	Ethyl Acetate	0.203	0.198	2.5	97	-0.03
38 T	Carbon Tetrachloride	0.330	0.366	-10.9	110	-0.02
39 T	Methylcyclohexane	0.530	0.565	-6.6	103	-0.03
40 TM	Benzene	1.196	1.250	-4.5	106	-0.03
41 T	Methacrylonitrile	0.108	0.110	-1.9	103	-0.03
42 TM	1,2-Dichloroethane	0.298	0.315	-5.7	106	-0.03
43 T	Isopropyl Acetate	0.240	0.239	0.4	97	-0.03
44 TM	Trichloroethene	0.367	0.389	-6.0	107	-0.03
45 C	1,2-Dichloropropane	0.283	0.299	-5.7#	102	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.168	0.195	-16.1	109	-0.03
47 T	Bromodichloromethane	0.397	0.437	-10.1	109	-0.03
48 T	Methyl methacrylate	0.155	0.163	-5.2	105	-0.03
49 T	1,4-Dioxane	0.001	0.002	-100.0#	106	-0.02
50 S	Toluene-d8	0.982	0.954	2.9	100	-0.03
51 T	4-Methyl-2-Pentanone	0.170	0.183	-7.6	103	-0.03
52 CM	Toluene	0.731	0.695	4.9#	97	-0.03
53 T	t-1,3-Dichloropropene	0.335	0.354	-5.7	102	-0.03
54 T	cis-1,3-Dichloropropene	0.437	0.471	-7.8	105	-0.03
55 T	1,1,2-Trichloroethane	0.204	0.218	-6.9	105	-0.02
56 T	Ethyl methacrylate	0.232	0.254	-9.5	107	-0.02
57 T	1,3-Dichloropropane	0.340	0.352	-3.5	97	-0.03
58 T	2-Chloroethyl Vinyl ether	0.042	0.035	16.7	82	-0.03
59 T	2-Hexanone	0.123	0.134	-8.9	107	-0.03
60 T	Dibromochloromethane	0.283	0.315	-11.3	106	-0.03
61 T	1,2-Dibromoethane	0.219	0.242	-10.5	108	-0.04
62 S	4-Bromofluorobenzene	0.390	0.377	3.3	107	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.02
64 T	Tetrachloroethene	0.363	0.390	-7.4	105	-0.03
65 PM	Chlorobenzene	0.931	0.956	-2.7	103	-0.03
66 T	1,1,1,2-Tetrachloroethane	0.361	0.398	-10.2	108	-0.03
67 C	Ethyl Benzene	1.594	1.670	-4.8#	107	-0.03
68 T	m/p-Xylenes	0.599	0.639	-6.7	109	-0.03
69 T	o-Xylene	0.641	0.676	-5.5	103	-0.03
70 T	Styrene	0.889	0.970	-9.1	110	-0.02
71 P	Bromoform	0.183	0.215	-17.5	110	-0.03
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	-0.02
73 T	Isopropylbenzene	3.454	3.666	-6.1	104	-0.02
74 T	N-amyl acetate	0.792	0.850	-7.3	107	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.570	0.612	-7.4	107	-0.02
76 T	1,2,3-Trichloropropane	0.399	0.429	-7.5	107	-0.02
77 T	Bromobenzene	0.800	0.862	-7.7	109	-0.02
78 T	n-propylbenzene	3.972	4.014	-1.1	109	-0.02
79 T	2-Chlorotoluene	2.242	2.273	-1.4	106	-0.03
80 T	1,3,5-Trimethylbenzene	2.790	2.843	-1.9	105	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.176	0.213	-21.0	110	-0.02
82 T	4-Chlorotoluene	2.267	2.307	-1.8	103	-0.02
83 T	tert-Butylbenzene	2.918	3.031	-3.9	105	-0.02
84 T	1,2,4-Trimethylbenzene	2.795	2.895	-3.6	107	-0.02
85 T	sec-Butylbenzene	3.943	4.071	-3.2	109	-0.02
86 T	p-Isopropyltoluene	3.290	3.332	-1.3	103	-0.02
87 T	1,3-Dichlorobenzene	1.572	1.586	-0.9	105	-0.02
88 T	1,4-Dichlorobenzene	1.513	1.566	-3.5	106	-0.02
89 T	n-Butylbenzene	3.091	3.308	-7.0	108	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.751	0.844	-12.4	109	-0.02
91 T	1,2-Dichlorobenzene	1.456	1.525	-4.7	109	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.098	-7.7	103	-0.02
93 T	1,2,4-Trichlorobenzene	1.014	1.094	-7.9	110	-0.02
94 T	Hexachlorobutadiene	0.673	0.706	-4.9	104	-0.02
95 T	Naphthalene	1.824	2.009	-10.1	107	-0.02
96 T	1,2,3-Trichlorobenzene	0.933	1.031	-10.5	108	-0.02

(#) = Out of Range

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