

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF040419\
 Data File : VF062167.D
 Acq On : 4 Apr 2019 20:56
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF040419

Quant Time: Apr 05 05:59:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F040419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 05:27:08 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	103	0.00
2 T	Dichlorodifluoromethane	0.732	0.775	-5.9	115	0.00
3 P	Chloromethane	0.616	0.655	-6.3	114	0.00
4 C	Vinyl Chloride	0.608	0.655	-7.7#	116	0.00
5 T	Bromomethane	0.498	0.522	-4.8	120	-0.03
6 T	Chloroethane	0.329	0.360	-9.4	113	0.00
7 T	Trichlorofluoromethane	0.891	1.011	-13.5	121	0.00
8 T	Diethyl Ether	0.184	0.200	-8.7	124	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.610	-8.0	124	0.00
10 T	Methyl Iodide	0.969	1.075	-10.9	120	0.00
11 T	Tert butyl alcohol	0.026	0.031	-19.2	128	0.00
12 CM	1,1-Dichloroethene	0.520	0.575	-10.6#	124	0.00
13 T	Acrolein	0.028	0.028	0.0	104	0.00
14 T	Allyl chloride	0.680	0.818	-20.3	127	0.00
15 T	Acrylonitrile	0.077	0.086	-11.7	124	0.00
16 T	Acetone	0.114	0.122	-7.0	96	0.00
17 T	Carbon Disulfide	1.656	1.853	-11.9	124	-0.02
18 T	Methyl Acetate	0.260	0.244	6.2	116	0.00
19 T	Methyl tert-butyl Ether	0.939	1.010	-7.6	115	0.00
20 T	Methylene Chloride	0.628	0.560	10.8	106	0.06
21 T	trans-1,2-Dichloroethene	0.476	0.504	-5.9	105	0.00
22 T	Diisopropyl ether	1.561	1.779	-14.0	122	0.00
23 T	Vinyl Acetate	0.735	0.866	-17.8	127	0.00
24 P	1,1-Dichloroethane	0.922	1.056	-14.5	121	0.00
25 T	2-Butanone	0.200	0.216	-8.0	114	0.00
26 T	2,2-Dichloropropane	0.485	0.529	-9.1	115	0.00
27 T	cis-1,2-Dichloroethene	0.609	0.689	-13.1	116	0.00
28 T	Bromochloromethane	0.405	0.390	3.7	89	0.00
29	Tetrahydrofuran	0.086	0.093	-8.1	124	0.00
30 C	Chloroform	1.101	1.247	-13.3#	121	0.00
31 T	Cyclohexane	0.905	1.009	-11.5	124	0.01
32 T	1,1,1-Trichloroethane	0.743	0.975	-31.2#	123	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.646	-10.1	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.379	0.408	-7.7	107	0.00
36 T	1,1-Dichloropropene	0.567	0.610	-7.6	119	0.00
37 T	Ethyl Acetate	0.260	0.296	-13.8	141	0.00
38 T	Carbon Tetrachloride	0.434	0.481	-10.8	123	0.00
39 T	Methylcyclohexane	0.561	0.596	-6.2	121	0.00
40 TM	Benzene	1.231	1.453	-18.0	129	0.00
41 T	Methacrylonitrile	0.146	0.152	-4.1	128	0.01
42 TM	1,2-Dichloroethane	0.459	0.504	-9.8	123	0.00
43 T	Isopropyl Acetate	0.280	0.325	-16.1	138	0.00
44 TM	Trichloroethene	0.381	0.426	-11.8	121	0.00
45 C	1,2-Dichloropropane	0.292	0.341	-16.8#	122	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.198	0.221	-11.6	120	0.00
47 T	Bromodichloromethane	0.536	0.576	-7.5	120	0.00
48 T	Methyl methacrylate	0.215	0.224	-4.2	123	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	121	-0.02
50 S	Toluene-d8	1.103	1.234	-11.9	109	0.00
51 T	4-Methyl-2-Pentanone	0.211	0.228	-8.1	126	0.00
52 CM	Toluene	0.788	0.856	-8.6#	119	0.00
53 T	t-1,3-Dichloropropene	0.432	0.494	-14.4	126	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.606	-15.2	127	0.00
55 T	1,1,2-Trichloroethane	0.217	0.233	-7.4	117	0.00
56 T	Ethyl methacrylate	0.293	0.309	-5.5	116	0.00
57 T	1,3-Dichloropropane	0.368	0.426	-15.8	128	0.00
58 T	2-Chloroethyl Vinyl ether	0.041	0.050	-22.0	127	0.00
59 T	2-Hexanone	0.152	0.160	-5.3	115	0.00
60 T	Dibromochloromethane	0.316	0.366	-15.8	122	0.00
61 T	1,2-Dibromoethane	0.232	0.269	-15.9	123	0.00
62 S	4-Bromofluorobenzene	0.446	0.490	-9.9	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
64 T	Tetrachloroethene	0.378	0.421	-11.4	126	0.00
65 PM	Chlorobenzene	0.992	1.092	-10.1	124	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.464	-7.9	120	0.00
67 C	Ethyl Benzene	1.932	2.073	-7.3#	121	0.00
68 T	m/p-Xylenes	0.696	0.751	-7.9	121	0.00
69 T	o-Xylene	0.693	0.765	-10.4	124	0.00
70 T	Styrene	1.061	1.166	-9.9	124	0.00
71 P	Bromoform	0.221	0.243	-10.0	122	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	4.181	4.345	-3.9	120	0.00
74 T	N-amyl acetate	1.131	1.227	-8.5	127	0.00
75 P	1,1,2,2-Tetrachloroethane	0.659	0.735	-11.5	131	0.00
76 T	1,2,3-Trichloropropane	0.512	0.576	-12.5	128	0.00
77 T	Bromobenzene	0.882	0.948	-7.5	121	0.00
78 T	n-propylbenzene	4.907	5.180	-5.6	118	0.00
79 T	2-Chlorotoluene	2.799	3.130	-11.8	128	0.00
80 T	1,3,5-Trimethylbenzene	3.558	3.952	-11.1	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.258	-24.6	126	0.00
82 T	4-Chlorotoluene	2.866	3.193	-11.4	123	0.00
83 T	tert-Butylbenzene	3.572	3.838	-7.4	118	0.00
84 T	1,2,4-Trimethylbenzene	3.526	3.781	-7.2	122	0.00
85 T	sec-Butylbenzene	4.513	5.017	-11.2	124	0.00
86 T	p-Isopropyltoluene	4.062	4.509	-11.0	121	0.00
87 T	1,3-Dichlorobenzene	1.684	1.852	-10.0	117	0.00
88 T	1,4-Dichlorobenzene	1.705	1.861	-9.1	123	0.00
89 T	n-Butylbenzene	3.917	4.191	-7.0	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.940	1.035	-10.1	122	0.00
91 T	1,2-Dichlorobenzene	1.589	1.668	-5.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.145	-1.4	129	0.00
93 T	1,2,4-Trichlorobenzene	1.162	1.223	-5.2	120	0.00
94 T	Hexachlorobutadiene	0.748	0.825	-10.3	121	0.00
95 T	Naphthalene	1.903	2.176	-14.3	127	0.00
96 T	1,2,3-Trichlorobenzene	1.005	1.119	-11.3	126	0.00

(#) = Out of Range

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