

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022219\
 Data File : VF061704.D
 Acq On : 22 Feb 2019 12:36
 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: Feb 23 03:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 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	137	-0.04
2 T	Dichlorodifluoromethane	0.574	0.521	9.2	138	0.00
3 P	Chloromethane	0.602	0.550	8.6	129	0.00
4 C	Vinyl Chloride	0.560	0.535	4.5#	136	0.00
5 T	Bromomethane	0.385	0.376	2.3	130	0.01
6 T	Chloroethane	0.276	0.265	4.0	135	-0.02
7 T	Trichlorofluoromethane	0.676	0.678	-0.3	144	0.00
8 T	Diethyl Ether	0.170	0.153	10.0	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.467	4.1	139	-0.02
10 T	Methyl Iodide	0.931	0.881	5.4	131	-0.02
11 T	Tert butyl alcohol	0.021	0.019	9.5	128	-0.02
12 CM	1,1-Dichloroethene	0.428	0.426	0.5#	141	-0.02
13 T	Acrolein	0.027	0.024	11.1	121	-0.02
14 T	Allyl chloride	0.526	0.499	5.1	129	0.00
15 T	Acrylonitrile	0.075	0.058	22.7	110	-0.03
16 T	Acetone	0.079	0.080	-1.3	137	-0.02
17 T	Carbon Disulfide	1.347	1.265	6.1	132	0.00
18 T	Methyl Acetate	0.177	0.153	13.6	134	-0.02
19 T	Methyl tert-butyl Ether	0.732	0.671	8.3	128	-0.02
20 T	Methylene Chloride	0.475	0.430	9.5	144	-0.02
21 T	trans-1,2-Dichloroethene	0.466	0.430	7.7	130	-0.02
22 T	Diisopropyl ether	1.262	1.229	2.6	138	-0.02
23 T	Vinyl Acetate	0.616	0.527	14.4	121	-0.03
24 P	1,1-Dichloroethane	0.764	0.747	2.2	141	-0.02
25 T	2-Butanone	0.172	0.156	9.3	129	-0.03
26 T	2,2-Dichloropropane	0.324	0.357	-10.2	156#	-0.04
27 T	cis-1,2-Dichloroethene	0.611	0.594	2.8	138	-0.03
28 T	Bromochloromethane	0.366	0.353	3.6	125	-0.03
29	Tetrahydrofuran	0.078	0.064	17.9	119	-0.04
30 C	Chloroform	0.869	0.841	3.2#	133	-0.03
31 T	Cyclohexane	0.827	0.806	2.5	138	-0.03
32 T	1,1,1-Trichloroethane	0.569	0.625	-9.8	143	-0.03
33 S	1,2-Dichloroethane-d4	0.367	0.375	-2.2	138	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	133	-0.03
35 S	Dibromofluoromethane	0.371	0.381	-2.7	142	-0.03
36 T	1,1-Dichloropropene	0.495	0.497	-0.4	142	-0.04
37 T	Ethyl Acetate	0.230	0.188	18.3	121	-0.04
38 T	Carbon Tetrachloride	0.342	0.368	-7.6	153#	-0.03
39 T	Methylcyclohexane	0.586	0.626	-6.8	147	-0.03
40 TM	Benzene	1.296	1.249	3.6	134	-0.03
41 T	Methacrylonitrile	0.118	0.112	5.1	132	-0.04
42 TM	1,2-Dichloroethane	0.310	0.315	-1.6	138	-0.04
43 T	Isopropyl Acetate	0.272	0.232	14.7	125	-0.03
44 TM	Trichloroethene	0.419	0.423	-1.0	143	-0.03
45 C	1,2-Dichloropropane	0.313	0.305	2.6#	132	-0.04

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.177	8.3	121	-0.04
47 T	Bromodichloromethane	0.422	0.411	2.6	130	-0.03
48 T	Methyl methacrylate	0.164	0.140	14.6	118	-0.03
49 T	1,4-Dioxane	0.002	0.001	50.0#	104	-0.03
50 S	Toluene-d8	1.067	1.107	-3.7	136	-0.03
51 T	4-Methyl-2-Pentanone	0.195	0.157	19.5	112	-0.03
52 CM	Toluene	0.786	0.756	3.8#	140	-0.03
53 T	t-1,3-Dichloropropene	0.351	0.330	6.0	131	-0.03
54 T	cis-1,3-Dichloropropene	0.468	0.483	-3.2	143	-0.03
55 T	1,1,2-Trichloroethane	0.231	0.218	5.6	127	-0.03
56 T	Ethyl methacrylate	0.257	0.243	5.4	134	-0.03
57 T	1,3-Dichloropropane	0.385	0.352	8.6	126	-0.03
58 T	2-Chloroethyl Vinyl ether	0.044	0.034	22.7	110	-0.03
59 T	2-Hexanone	0.136	0.112	17.6	115	-0.03
60 T	Dibromochloromethane	0.321	0.308	4.0	129	-0.03
61 T	1,2-Dibromoethane	0.250	0.238	4.8	131	-0.04
62 S	4-Bromofluorobenzene	0.432	0.422	2.3	137	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	128	-0.04
64 T	Tetrachloroethene	0.409	0.418	-2.2	137	-0.03
65 PM	Chlorobenzene	1.015	1.016	-0.1	135	-0.03
66 T	1,1,1,2-Tetrachloroethane	0.398	0.405	-1.8	137	-0.03
67 C	Ethyl Benzene	1.687	1.712	-1.5#	140	-0.03
68 T	m/p-Xylenes	0.646	0.644	0.3	137	-0.03
69 T	o-Xylene	0.689	0.711	-3.2	136	-0.03
70 T	Styrene	0.975	0.998	-2.4	140	-0.02
71 P	Bromoform	0.216	0.203	6.0	123	-0.03
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	130	-0.02
73 T	Isopropylbenzene	3.560	3.635	-2.1	137	-0.02
74 T	N-amyl acetate	0.854	0.771	9.7	118	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.638	0.563	11.8	118	-0.02
76 T	1,2,3-Trichloropropane	0.434	0.393	9.4	121	-0.02
77 T	Bromobenzene	0.879	0.892	-1.5	140	-0.03
78 T	n-propylbenzene	4.085	4.064	0.5	135	-0.03
79 T	2-Chlorotoluene	2.288	2.294	-0.3	132	-0.03
80 T	1,3,5-Trimethylbenzene	2.845	2.862	-0.6	134	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.208	0.178	14.4	111	-0.03
82 T	4-Chlorotoluene	2.375	2.379	-0.2	136	-0.03
83 T	tert-Butylbenzene	3.151	3.095	1.8	127	-0.02
84 T	1,2,4-Trimethylbenzene	2.827	2.877	-1.8	139	-0.03
85 T	sec-Butylbenzene	4.075	4.159	-2.1	135	-0.02
86 T	p-Isopropyltoluene	3.420	3.510	-2.6	138	-0.02
87 T	1,3-Dichlorobenzene	1.715	1.676	2.3	136	-0.02
88 T	1,4-Dichlorobenzene	1.649	1.657	-0.5	138	-0.02
89 T	n-Butylbenzene	3.230	3.255	-0.8	135	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.861	-8.3	138	-0.02
91 T	1,2-Dichlorobenzene	1.631	1.529	6.3	128	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.086	14.9	107	-0.02
93 T	1,2,4-Trichlorobenzene	1.169	1.085	7.2	127	-0.02
94 T	Hexachlorobutadiene	0.722	0.750	-3.9	139	-0.02
95 T	Naphthalene	2.045	1.865	8.8	118	-0.02
96 T	1,2,3-Trichlorobenzene	1.073	1.042	2.9	127	-0.02

(#) = Out of Range

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