

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022519\
 Data File : VF061723.D
 Acq On : 25 Feb 2019 11:19
 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 26 04:34:11 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	130	-0.02
2 T	Dichlorodifluoromethane	0.574	0.567	1.2	143	0.00
3 P	Chloromethane	0.602	0.588	2.3	131	-0.01
4 C	Vinyl Chloride	0.560	0.553	1.3#	134	0.00
5 T	Bromomethane	0.385	0.397	-3.1	131	0.00
6 T	Chloroethane	0.276	0.273	1.1	132	-0.02
7 T	Trichlorofluoromethane	0.676	0.713	-5.5	143	-0.01
8 T	Diethyl Ether	0.170	0.157	7.6	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.500	-2.7	141	-0.02
10 T	Methyl Iodide	0.931	0.923	0.9	130	-0.01
11 T	Tert butyl alcohol	0.021	0.018	14.3	115	-0.01
12 CM	1,1-Dichloroethene	0.428	0.416	2.8#	131	-0.02
13 T	Acrolein	0.027	0.025	7.4	119	-0.01
14 T	Allyl chloride	0.526	0.531	-1.0	130	0.00
15 T	Acrylonitrile	0.075	0.062	17.3	111	-0.01
16 T	Acetone	0.079	0.088	-11.4	145	-0.01
17 T	Carbon Disulfide	1.347	1.290	4.2	127	-0.01
18 T	Methyl Acetate	0.177	0.151	14.7	126	-0.01
19 T	Methyl tert-butyl Ether	0.732	0.718	1.9	130	0.00
20 T	Methylene Chloride	0.475	0.414	12.8	132	-0.01
21 T	trans-1,2-Dichloroethene	0.466	0.431	7.5	124	-0.01
22 T	Diisopropyl ether	1.262	1.259	0.2	134	-0.01
23 T	Vinyl Acetate	0.616	0.531	13.8	116	-0.02
24 P	1,1-Dichloroethane	0.764	0.738	3.4	133	-0.01
25 T	2-Butanone	0.172	0.168	2.3	132	-0.01
26 T	2,2-Dichloropropane	0.324	0.348	-7.4	144	-0.02
27 T	cis-1,2-Dichloroethene	0.611	0.616	-0.8	136	-0.01
28 T	Bromochloromethane	0.366	0.337	7.9	113	-0.01
29	Tetrahydrofuran	0.078	0.066	15.4	116	-0.02
30 C	Chloroform	0.869	0.906	-4.3#	136	-0.01
31 T	Cyclohexane	0.827	0.781	5.6	127	-0.02
32 T	1,1,1-Trichloroethane	0.569	0.629	-10.5	137	0.00
33 S	1,2-Dichloroethane-d4	0.367	0.362	1.4	127	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	127	-0.01
35 S	Dibromofluoromethane	0.371	0.354	4.6	126	-0.01
36 T	1,1-Dichloropropene	0.495	0.498	-0.6	136	-0.02
37 T	Ethyl Acetate	0.230	0.194	15.7	120	-0.01
38 T	Carbon Tetrachloride	0.342	0.382	-11.7	152#	-0.01
39 T	Methylcyclohexane	0.586	0.595	-1.5	133	-0.01
40 TM	Benzene	1.296	1.315	-1.5	134	-0.01
41 T	Methacrylonitrile	0.118	0.106	10.2	120	-0.01
42 TM	1,2-Dichloroethane	0.310	0.306	1.3	128	-0.02
43 T	Isopropyl Acetate	0.272	0.244	10.3	126	-0.01
44 TM	Trichloroethene	0.419	0.424	-1.2	137	-0.01
45 C	1,2-Dichloropropane	0.313	0.322	-2.9#	133	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.195	-1.0	127	-0.02
47 T	Bromodichloromethane	0.422	0.439	-4.0	132	-0.01
48 T	Methyl methacrylate	0.164	0.146	11.0	117	-0.01
49 T	1,4-Dioxane	0.002	0.001	50.0#	95	-0.01
50 S	Toluene-d8	1.067	1.067	0.0	125	-0.01
51 T	4-Methyl-2-Pentanone	0.195	0.166	14.9	113	-0.01
52 CM	Toluene	0.786	0.819	-4.2#	145	-0.01
53 T	t-1,3-Dichloropropene	0.351	0.362	-3.1	137	-0.01
54 T	cis-1,3-Dichloropropene	0.468	0.485	-3.6	137	-0.01
55 T	1,1,2-Trichloroethane	0.231	0.225	2.6	125	-0.01
56 T	Ethyl methacrylate	0.257	0.246	4.3	129	-0.01
57 T	1,3-Dichloropropane	0.385	0.396	-2.9	136	-0.01
58 T	2-Chloroethyl Vinyl ether	0.044	0.036	18.2	110	-0.01
59 T	2-Hexanone	0.136	0.133	2.2	132	-0.01
60 T	Dibromochloromethane	0.321	0.341	-6.2	136	-0.01
61 T	1,2-Dibromoethane	0.250	0.246	1.6	129	-0.01
62 S	4-Bromofluorobenzene	0.432	0.411	4.9	128	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	128	-0.02
64 T	Tetrachloroethene	0.409	0.421	-2.9	138	-0.01
65 PM	Chlorobenzene	1.015	1.057	-4.1	141	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.398	0.408	-2.5	138	-0.01
67 C	Ethyl Benzene	1.687	1.698	-0.7#	139	-0.01
68 T	m/p-Xylenes	0.646	0.663	-2.6	141	-0.01
69 T	o-Xylene	0.689	0.747	-8.4	143	-0.01
70 T	Styrene	0.975	1.001	-2.7	141	-0.01
71 P	Bromoform	0.216	0.222	-2.8	135	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	133	-0.01
73 T	Isopropylbenzene	3.560	3.666	-3.0	142	-0.01
74 T	N-amyl acetate	0.854	0.784	8.2	124	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.638	0.604	5.3	130	-0.01
76 T	1,2,3-Trichloropropane	0.434	0.389	10.4	123	-0.01
77 T	Bromobenzene	0.879	0.869	1.1	141	-0.01
78 T	n-propylbenzene	4.085	4.079	0.1	140	-0.01
79 T	2-Chlorotoluene	2.288	2.320	-1.4	137	-0.01
80 T	1,3,5-Trimethylbenzene	2.845	2.804	1.4	135	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.208	0.206	1.0	132	-0.01
82 T	4-Chlorotoluene	2.375	2.304	3.0	136	-0.01
83 T	tert-Butylbenzene	3.151	3.136	0.5	132	-0.01
84 T	1,2,4-Trimethylbenzene	2.827	2.832	-0.2	141	-0.01
85 T	sec-Butylbenzene	4.075	3.918	3.9	131	-0.01
86 T	p-Isopropyltoluene	3.420	3.356	1.9	136	0.00
87 T	1,3-Dichlorobenzene	1.715	1.608	6.2	134	-0.01
88 T	1,4-Dichlorobenzene	1.649	1.682	-2.0	145	0.00
89 T	n-Butylbenzene	3.230	3.217	0.4	138	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.872	-9.7	144	-0.01
91 T	1,2-Dichlorobenzene	1.631	1.600	1.9	138	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.096	5.0	123	0.00
93 T	1,2,4-Trichlorobenzene	1.169	1.129	3.4	135	-0.01
94 T	Hexachlorobutadiene	0.722	0.772	-6.9	147	-0.01
95 T	Naphthalene	2.045	1.942	5.0	127	-0.01
96 T	1,2,3-Trichlorobenzene	1.073	1.083	-0.9	135	-0.01

(#) = Out of Range

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