

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022619\
 Data File : VF061741.D
 Acq On : 26 Feb 2019 14:20
 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 27 04:15:57 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	117	-0.04
2 T	Dichlorodifluoromethane	0.574	0.547	4.7	123	-0.01
3 P	Chloromethane	0.602	0.545	9.5	109	-0.01
4 C	Vinyl Chloride	0.560	0.543	3.0#	118	-0.01
5 T	Bromomethane	0.385	0.404	-4.9	119	-0.01
6 T	Chloroethane	0.276	0.279	-1.1	121	0.00
7 T	Trichlorofluoromethane	0.676	0.731	-8.1	132	-0.01
8 T	Diethyl Ether	0.170	0.151	11.2	105	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.477	2.1	120	-0.01
10 T	Methyl Iodide	0.931	0.939	-0.9	119	0.00
11 T	Tert butyl alcohol	0.021	0.019	9.5	108	-0.02
12 CM	1,1-Dichloroethene	0.428	0.459	-7.2#	129	-0.01
13 T	Acrolein	0.027	0.021	22.2	90	-0.02
14 T	Allyl chloride	0.526	0.492	6.5	108	-0.01
15 T	Acrylonitrile	0.075	0.067	10.7	108	-0.03
16 T	Acetone	0.079	0.084	-6.3	123	-0.02
17 T	Carbon Disulfide	1.347	1.321	1.9	117	-0.02
18 T	Methyl Acetate	0.177	0.171	3.4	127	-0.02
19 T	Methyl tert-butyl Ether	0.732	0.763	-4.2	124	-0.02
20 T	Methylene Chloride	0.475	0.433	8.8	123	-0.02
21 T	trans-1,2-Dichloroethene	0.466	0.377	19.1	97	-0.02
22 T	Diisopropyl ether	1.262	1.274	-1.0	121	-0.02
23 T	Vinyl Acetate	0.616	0.548	11.0	107	-0.03
24 P	1,1-Dichloroethane	0.764	0.777	-1.7	125	-0.02
25 T	2-Butanone	0.172	0.164	4.7	115	-0.03
26 T	2,2-Dichloropropane	0.324	0.344	-6.2	128	-0.04
27 T	cis-1,2-Dichloroethene	0.611	0.592	3.1	117	-0.04
28 T	Bromochloromethane	0.366	0.356	2.7	107	-0.03
29	Tetrahydrofuran	0.078	0.069	11.5	109	-0.04
30 C	Chloroform	0.869	0.900	-3.6#	121	-0.04
31 T	Cyclohexane	0.827	0.806	2.5	117	-0.04
32 T	1,1,1-Trichloroethane	0.569	0.523	8.1	102	-0.03
33 S	1,2-Dichloroethane-d4	0.367	0.351	4.4	110	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	-0.04
35 S	Dibromofluoromethane	0.371	0.357	3.8	118	-0.03
36 T	1,1-Dichloropropene	0.495	0.494	0.2	125	-0.04
37 T	Ethyl Acetate	0.230	0.189	17.8	108	-0.05
38 T	Carbon Tetrachloride	0.342	0.345	-0.9	127	-0.03
39 T	Methylcyclohexane	0.586	0.579	1.2	120	-0.03
40 TM	Benzene	1.296	1.222	5.7	116	-0.03
41 T	Methacrylonitrile	0.118	0.098	16.9	103	-0.05
42 TM	1,2-Dichloroethane	0.310	0.321	-3.5	124	-0.04
43 T	Isopropyl Acetate	0.272	0.245	9.9	117	-0.04
44 TM	Trichloroethene	0.419	0.420	-0.2	126	-0.03
45 C	1,2-Dichloropropane	0.313	0.314	-0.3#	120	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.193	0.0	117	-0.04
47 T	Bromodichloromethane	0.422	0.434	-2.8	122	-0.04
48 T	Methyl methacrylate	0.164	0.152	7.3	114	-0.03
49 T	1,4-Dioxane	0.002	0.002	0.0	114	-0.03
50 S	Toluene-d8	1.067	1.004	5.9	109	-0.03
51 T	4-Methyl-2-Pentanone	0.195	0.166	14.9	105	-0.04
52 CM	Toluene	0.786	0.773	1.7#	127	-0.03
53 T	t-1,3-Dichloropropene	0.351	0.347	1.1	122	-0.04
54 T	cis-1,3-Dichloropropene	0.468	0.499	-6.6	131	-0.04
55 T	1,1,2-Trichloroethane	0.231	0.227	1.7	117	-0.03
56 T	Ethyl methacrylate	0.257	0.226	12.1	110	-0.03
57 T	1,3-Dichloropropane	0.385	0.363	5.7	116	-0.03
58 T	2-Chloroethyl Vinyl ether	0.044	0.037	15.9	105	-0.03
59 T	2-Hexanone	0.136	0.123	9.6	113	-0.03
60 T	Dibromochloromethane	0.321	0.332	-3.4	123	-0.03
61 T	1,2-Dibromoethane	0.250	0.230	8.0	112	-0.04
62 S	4-Bromofluorobenzene	0.432	0.404	6.5	116	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	-0.04
64 T	Tetrachloroethene	0.409	0.452	-10.5	126	-0.03
65 PM	Chlorobenzene	1.015	1.042	-2.7	119	-0.03
66 T	1,1,1,2-Tetrachloroethane	0.398	0.438	-10.1	126	-0.03
67 C	Ethyl Benzene	1.687	1.808	-7.2#	126	-0.03
68 T	m/p-Xylenes	0.646	0.679	-5.1	124	-0.03
69 T	o-Xylene	0.689	0.736	-6.8	120	-0.03
70 T	Styrene	0.975	0.996	-2.2	120	-0.02
71 P	Bromoform	0.216	0.217	-0.5	112	-0.03
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	-0.02
73 T	Isopropylbenzene	3.560	3.761	-5.6	128	-0.02
74 T	N-amyl acetate	0.854	0.787	7.8	109	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.638	0.603	5.5	114	-0.02
76 T	1,2,3-Trichloropropane	0.434	0.397	8.5	110	-0.02
77 T	Bromobenzene	0.879	0.886	-0.8	126	-0.03
78 T	n-propylbenzene	4.085	3.907	4.4	118	-0.02
79 T	2-Chlorotoluene	2.288	2.338	-2.2	121	-0.03
80 T	1,3,5-Trimethylbenzene	2.845	2.907	-2.2	123	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.208	0.183	12.0	103	-0.03
82 T	4-Chlorotoluene	2.375	2.276	4.2	118	-0.03
83 T	tert-Butylbenzene	3.151	3.194	-1.4	118	-0.02
84 T	1,2,4-Trimethylbenzene	2.827	2.923	-3.4	128	-0.02
85 T	sec-Butylbenzene	4.075	4.214	-3.4	123	-0.02
86 T	p-Isopropyltoluene	3.420	3.637	-6.3	129	-0.02
87 T	1,3-Dichlorobenzene	1.715	1.703	0.7	125	-0.02
88 T	1,4-Dichlorobenzene	1.649	1.681	-1.9	127	-0.02
89 T	n-Butylbenzene	3.230	3.235	-0.2	121	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.882	-10.9	128	-0.02
91 T	1,2-Dichlorobenzene	1.631	1.586	2.8	120	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.097	4.0	109	-0.01
93 T	1,2,4-Trichlorobenzene	1.169	1.190	-1.8	125	-0.02
94 T	Hexachlorobutadiene	0.722	0.793	-9.8	133	-0.02
95 T	Naphthalene	2.045	2.032	0.6	117	-0.02
96 T	1,2,3-Trichlorobenzene	1.073	1.144	-6.6	126	-0.02

(#) = Out of Range

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