

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022819\
 Data File : VF061785.D
 Acq On : 28 Feb 2019 12:20
 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: Mar 01 00:26:12 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	115	-0.03
2 T	Dichlorodifluoromethane	0.574	0.525	8.5	116	0.00
3 P	Chloromethane	0.602	0.559	7.1	110	-0.01
4 C	Vinyl Chloride	0.560	0.551	1.6#	117	0.00
5 T	Bromomethane	0.385	0.380	1.3	110	0.00
6 T	Chloroethane	0.276	0.272	1.4	116	0.00
7 T	Trichlorofluoromethane	0.676	0.702	-3.8	124	0.00
8 T	Diethyl Ether	0.170	0.156	8.2	106	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.484	0.6	120	0.00
10 T	Methyl Iodide	0.931	0.881	5.4	109	0.00
11 T	Tert butyl alcohol	0.021	0.020	4.8	111	-0.01
12 CM	1,1-Dichloroethene	0.428	0.440	-2.8#	122	-0.01
13 T	Acrolein	0.027	0.027	0.0	111	-0.01
14 T	Allyl chloride	0.526	0.517	1.7	112	-0.01
15 T	Acrylonitrile	0.075	0.068	9.3	107	-0.02
16 T	Acetone	0.079	0.084	-6.3	121	-0.01
17 T	Carbon Disulfide	1.347	1.212	10.0	105	-0.01
18 T	Methyl Acetate	0.177	0.182	-2.8	133	-0.01
19 T	Methyl tert-butyl Ether	0.732	0.723	1.2	115	-0.01
20 T	Methylene Chloride	0.475	0.459	3.4	128	-0.01
21 T	trans-1,2-Dichloroethene	0.466	0.434	6.9	110	-0.01
22 T	Diisopropyl ether	1.262	1.199	5.0	112	-0.02
23 T	Vinyl Acetate	0.616	0.559	9.3	107	-0.03
24 P	1,1-Dichloroethane	0.764	0.777	-1.7	123	-0.01
25 T	2-Butanone	0.172	0.169	1.7	117	-0.02
26 T	2,2-Dichloropropane	0.324	0.356	-9.9	130	-0.03
27 T	cis-1,2-Dichloroethene	0.611	0.596	2.5	116	-0.02
28 T	Bromochloromethane	0.366	0.404	-10.4	119	-0.02
29	Tetrahydrofuran	0.078	0.069	11.5	108	-0.03
30 C	Chloroform	0.869	0.885	-1.8#	117	-0.03
31 T	Cyclohexane	0.827	0.773	6.5	111	-0.03
32 T	1,1,1-Trichloroethane	0.569	0.609	-7.0	116	-0.02
33 S	1,2-Dichloroethane-d4	0.367	0.382	-4.1	118	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	-0.03
35 S	Dibromofluoromethane	0.371	0.388	-4.6	121	-0.02
36 T	1,1-Dichloropropene	0.495	0.512	-3.4	122	-0.03
37 T	Ethyl Acetate	0.230	0.197	14.3	107	-0.04
38 T	Carbon Tetrachloride	0.342	0.361	-5.6	126	-0.02
39 T	Methylcyclohexane	0.586	0.627	-7.0	123	-0.02
40 TM	Benzene	1.296	1.316	-1.5	118	-0.02
41 T	Methacrylonitrile	0.118	0.113	4.2	111	-0.03
42 TM	1,2-Dichloroethane	0.310	0.318	-2.6	116	-0.03
43 T	Isopropyl Acetate	0.272	0.240	11.8	108	-0.02
44 TM	Trichloroethene	0.419	0.434	-3.6	123	-0.02
45 C	1,2-Dichloropropane	0.313	0.317	-1.3#	115	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.193	0.0	110	-0.03
47 T	Bromodichloromethane	0.422	0.428	-1.4	113	-0.03
48 T	Methyl methacrylate	0.164	0.153	6.7	108	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	121	-0.02
50 S	Toluene-d8	1.067	1.145	-7.3	118	-0.02
51 T	4-Methyl-2-Pentanone	0.195	0.171	12.3	102	-0.03
52 CM	Toluene	0.786	0.770	2.0#	119	-0.02
53 T	t-1,3-Dichloropropene	0.351	0.346	1.4	115	-0.03
54 T	cis-1,3-Dichloropropene	0.468	0.490	-4.7	122	-0.03
55 T	1,1,2-Trichloroethane	0.231	0.232	-0.4	113	-0.02
56 T	Ethyl methacrylate	0.257	0.247	3.9	114	-0.02
57 T	1,3-Dichloropropane	0.385	0.357	7.3	107	-0.02
58 T	2-Chloroethyl Vinyl ether	0.044	0.043	2.3	114	-0.02
59 T	2-Hexanone	0.136	0.126	7.4	109	-0.03
60 T	Dibromochloromethane	0.321	0.327	-1.9	114	-0.02
61 T	1,2-Dibromoethane	0.250	0.256	-2.4	118	-0.03
62 S	4-Bromofluorobenzene	0.432	0.426	1.4	116	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.03
64 T	Tetrachloroethene	0.409	0.426	-4.2	114	-0.02
65 PM	Chlorobenzene	1.015	1.041	-2.6	114	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.398	0.430	-8.0	119	-0.02
67 C	Ethyl Benzene	1.687	1.789	-6.0#	120	-0.02
68 T	m/p-Xylenes	0.646	0.657	-1.7	115	-0.03
69 T	o-Xylene	0.689	0.727	-5.5	114	-0.03
70 T	Styrene	0.975	0.966	0.9	111	-0.02
71 P	Bromoform	0.216	0.217	-0.5	108	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	-0.02
73 T	Isopropylbenzene	3.560	3.675	-3.2	117	-0.02
74 T	N-amyl acetate	0.854	0.841	1.5	109	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.638	0.603	5.5	107	-0.02
76 T	1,2,3-Trichloropropane	0.434	0.395	9.0	103	-0.02
77 T	Bromobenzene	0.879	0.866	1.5	115	-0.02
78 T	n-propylbenzene	4.085	4.192	-2.6	118	-0.02
79 T	2-Chlorotoluene	2.288	2.324	-1.6	113	-0.02
80 T	1,3,5-Trimethylbenzene	2.845	2.919	-2.6	115	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.208	0.201	3.4	105	-0.02
82 T	4-Chlorotoluene	2.375	2.329	1.9	113	-0.02
83 T	tert-Butylbenzene	3.151	3.211	-1.9	111	-0.01
84 T	1,2,4-Trimethylbenzene	2.827	2.957	-4.6	121	-0.02
85 T	sec-Butylbenzene	4.075	4.201	-3.1	115	-0.02
86 T	p-Isopropyltoluene	3.420	3.530	-3.2	117	-0.01
87 T	1,3-Dichlorobenzene	1.715	1.654	3.6	113	-0.02
88 T	1,4-Dichlorobenzene	1.649	1.697	-2.9	120	-0.01
89 T	n-Butylbenzene	3.230	3.296	-2.0	116	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.888	-11.7	121	-0.02
91 T	1,2-Dichlorobenzene	1.631	1.584	2.9	112	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.092	8.9	97	-0.01
93 T	1,2,4-Trichlorobenzene	1.169	1.160	0.8	114	-0.01
94 T	Hexachlorobutadiene	0.722	0.782	-8.3	122	-0.01
95 T	Naphthalene	2.045	2.102	-2.8	113	-0.02
96 T	1,2,3-Trichlorobenzene	1.073	1.114	-3.8	114	-0.02

(#) = Out of Range

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