

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021319\
 Data File : VF061630.D
 Acq On : 13 Feb 2019 19:29
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF021319

Quant Time: Feb 14 03:43:17 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	101	-0.01
2 T	Dichlorodifluoromethane	0.574	0.579	-0.9	113	0.00
3 P	Chloromethane	0.602	0.632	-5.0	110	0.00
4 C	Vinyl Chloride	0.560	0.581	-3.7#	109	0.00
5 T	Bromomethane	0.385	0.425	-10.4	109	0.00
6 T	Chloroethane	0.276	0.289	-4.7	109	-0.01
7 T	Trichlorofluoromethane	0.676	0.703	-4.0	110	0.00
8 T	Diethyl Ether	0.170	0.183	-7.6	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.496	-1.8	109	-0.01
10 T	Methyl Iodide	0.931	0.999	-7.3	110	-0.01
11 T	Tert butyl alcohol	0.021	0.022	-4.8	110	0.00
12 CM	1,1-Dichloroethene	0.428	0.433	-1.2#	106	-0.01
13 T	Acrolein	0.027	0.030	-11.1	110	0.00
14 T	Allyl chloride	0.526	0.665	-26.4#	127	0.00
15 T	Acrylonitrile	0.075	0.077	-2.7	107	0.00
16 T	Acetone	0.079	0.073	7.6	93	0.00
17 T	Carbon Disulfide	1.347	1.413	-4.9	108	0.00
18 T	Methyl Acetate	0.177	0.174	1.7	113	0.00
19 T	Methyl tert-butyl Ether	0.732	0.783	-7.0	110	0.00
20 T	Methylene Chloride	0.475	0.438	7.8	108	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.472	-1.3	106	0.00
22 T	Diisopropyl ether	1.262	1.335	-5.8	110	0.00
23 T	Vinyl Acetate	0.616	0.678	-10.1	115	-0.01
24 P	1,1-Dichloroethane	0.764	0.808	-5.8	113	0.00
25 T	2-Butanone	0.172	0.183	-6.4	112	0.00
26 T	2,2-Dichloropropane	0.324	0.348	-7.4	112	-0.01
27 T	cis-1,2-Dichloroethene	0.611	0.662	-8.3	114	0.00
28 T	Bromochloromethane	0.366	0.382	-4.4	100	0.00
29	Tetrahydrofuran	0.078	0.080	-2.6	110	-0.01
30 C	Chloroform	0.869	0.905	-4.1#	106	0.00
31 T	Cyclohexane	0.827	0.859	-3.9	109	0.00
32 T	1,1,1-Trichloroethane	0.569	0.617	-8.4	104	0.00
33 S	1,2-Dichloroethane-d4	0.367	0.386	-5.2	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.371	0.386	-4.0	106	0.00
36 T	1,1-Dichloropropene	0.495	0.550	-11.1	116	-0.01
37 T	Ethyl Acetate	0.230	0.233	-1.3	111	-0.01
38 T	Carbon Tetrachloride	0.342	0.391	-14.3	120	0.00
39 T	Methylcyclohexane	0.586	0.671	-14.5	116	0.00
40 TM	Benzene	1.296	1.442	-11.3	114	0.00
41 T	Methacrylonitrile	0.118	0.128	-8.5	111	0.00
42 TM	1,2-Dichloroethane	0.310	0.343	-10.6	110	0.00
43 T	Isopropyl Acetate	0.272	0.294	-8.1	117	0.00
44 TM	Trichloroethene	0.419	0.455	-8.6	113	0.00
45 C	1,2-Dichloropropane	0.313	0.347	-10.9#	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.214	-10.9	108	-0.01
47 T	Bromodichloromethane	0.422	0.445	-5.5	104	0.00
48 T	Methyl methacrylate	0.164	0.193	-17.7	120	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.067	1.216	-14.0	110	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.208	-6.7	110	0.00
52 CM	Toluene	0.786	0.846	-7.6#	116	0.00
53 T	t-1,3-Dichloropropene	0.351	0.380	-8.3	111	0.00
54 T	cis-1,3-Dichloropropene	0.468	0.526	-12.4	115	0.00
55 T	1,1,2-Trichloroethane	0.231	0.258	-11.7	111	0.00
56 T	Ethyl methacrylate	0.257	0.286	-11.3	116	0.00
57 T	1,3-Dichloropropane	0.385	0.409	-6.2	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.044	0.051	-15.9	120	0.00
59 T	2-Hexanone	0.136	0.146	-7.4	112	0.00
60 T	Dibromochloromethane	0.321	0.361	-12.5	111	0.00
61 T	1,2-Dibromoethane	0.250	0.274	-9.6	111	0.00
62 S	4-Bromofluorobenzene	0.432	0.460	-6.5	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.409	0.458	-12.0	112	0.00
65 PM	Chlorobenzene	1.015	1.127	-11.0	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.433	-8.8	109	0.00
67 C	Ethyl Benzene	1.687	1.816	-7.6#	112	0.00
68 T	m/p-Xylenes	0.646	0.676	-4.6	108	0.00
69 T	o-Xylene	0.689	0.767	-11.3	110	0.00
70 T	Styrene	0.975	1.078	-10.6	114	0.00
71 P	Bromoform	0.216	0.237	-9.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.560	3.945	-10.8	116	0.00
74 T	N-amyl acetate	0.854	0.947	-10.9	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.685	-7.4	112	0.00
76 T	1,2,3-Trichloropropane	0.434	0.447	-3.0	107	0.00
77 T	Bromobenzene	0.879	0.966	-9.9	118	0.00
78 T	n-propylbenzene	4.085	4.337	-6.2	113	0.00
79 T	2-Chlorotoluene	2.288	2.337	-2.1	105	0.00
80 T	1,3,5-Trimethylbenzene	2.845	3.010	-5.8	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.228	-9.6	110	0.00
82 T	4-Chlorotoluene	2.375	2.439	-2.7	109	0.00
83 T	tert-Butylbenzene	3.151	3.361	-6.7	107	0.00
84 T	1,2,4-Trimethylbenzene	2.827	3.031	-7.2	114	0.00
85 T	sec-Butylbenzene	4.075	4.311	-5.8	109	0.00
86 T	p-Isopropyltoluene	3.420	3.607	-5.5	111	0.00
87 T	1,3-Dichlorobenzene	1.715	1.780	-3.8	112	0.00
88 T	1,4-Dichlorobenzene	1.649	1.810	-9.8	118	0.00
89 T	n-Butylbenzene	3.230	3.477	-7.6	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.876	-10.2	110	0.00
91 T	1,2-Dichlorobenzene	1.631	1.660	-1.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.107	-5.9	104	0.00
93 T	1,2,4-Trichlorobenzene	1.169	1.210	-3.5	110	0.00
94 T	Hexachlorobutadiene	0.722	0.770	-6.6	111	0.00
95 T	Naphthalene	2.045	2.211	-8.1	109	0.00
96 T	1,2,3-Trichlorobenzene	1.073	1.151	-7.3	109	0.00

(#) = Out of Range

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