

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF021519\
 Data File : VF061649.D
 Acq On : 15 Feb 2019 11:05
 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 16 05:24:04 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	131	-0.01
2 T	Dichlorodifluoromethane	0.574	0.511	11.0	129	0.00
3 P	Chloromethane	0.602	0.554	8.0	124	-0.01
4 C	Vinyl Chloride	0.560	0.523	6.6#	127	0.00
5 T	Bromomethane	0.385	0.366	4.9	121	0.00
6 T	Chloroethane	0.276	0.263	4.7	127	0.00
7 T	Trichlorofluoromethane	0.676	0.530	21.6	107	0.00
8 T	Diethyl Ether	0.170	0.150	11.8	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.434	10.9	123	0.00
10 T	Methyl Iodide	0.931	0.651	30.1#	92	0.00
11 T	Tert butyl alcohol	0.021	0.017	19.0	107	0.00
12 CM	1,1-Dichloroethene	0.428	0.397	7.2#	125	0.00
13 T	Acrolein	0.027	0.028	-3.7	135	0.00
14 T	Allyl chloride	0.526	0.445	15.4	110	0.00
15 T	Acrylonitrile	0.075	0.061	18.7	110	-0.01
16 T	Acetone	0.079	0.077	2.5	126	0.00
17 T	Carbon Disulfide	1.347	1.094	18.8	108	0.00
18 T	Methyl Acetate	0.177	0.152	14.1	126	0.00
19 T	Methyl tert-butyl Ether	0.732	0.661	9.7	120	0.00
20 T	Methylene Chloride	0.475	0.386	18.7	123	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.426	8.6	123	0.00
22 T	Diisopropyl ether	1.262	1.114	11.7	119	0.00
23 T	Vinyl Acetate	0.616	0.537	12.8	117	0.00
24 P	1,1-Dichloroethane	0.764	0.658	13.9	118	0.00
25 T	2-Butanone	0.172	0.157	8.7	124	0.00
26 T	2,2-Dichloropropane	0.324	0.307	5.2	128	-0.01
27 T	cis-1,2-Dichloroethene	0.611	0.545	10.8	120	0.00
28 T	Bromochloromethane	0.366	0.309	15.6	104	0.00
29	Tetrahydrofuran	0.078	0.061	21.8	108	0.00
30 C	Chloroform	0.869	0.801	7.8#	121	0.00
31 T	Cyclohexane	0.827	0.755	8.7	123	-0.01
32 T	1,1,1-Trichloroethane	0.569	0.456	19.9	99	0.00
33 S	1,2-Dichloroethane-d4	0.367	0.347	5.4	122	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	127	0.00
35 S	Dibromofluoromethane	0.371	0.350	5.7	124	0.00
36 T	1,1-Dichloropropene	0.495	0.466	5.9	126	0.00
37 T	Ethyl Acetate	0.230	0.180	21.7	111	0.00
38 T	Carbon Tetrachloride	0.342	0.326	4.7	129	0.00
39 T	Methylcyclohexane	0.586	0.585	0.2	131	0.00
40 TM	Benzene	1.296	1.259	2.9	128	0.00
41 T	Methacrylonitrile	0.118	0.094	20.3	106	0.00
42 TM	1,2-Dichloroethane	0.310	0.276	11.0	115	0.00
43 T	Isopropyl Acetate	0.272	0.260	4.4	134	0.00
44 TM	Trichloroethene	0.419	0.405	3.3	130	0.00
45 C	1,2-Dichloropropane	0.313	0.294	6.1#	121	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.186	3.6	121	0.00
47 T	Bromodichloromethane	0.422	0.404	4.3	121	0.00
48 T	Methyl methacrylate	0.164	0.133	18.9	107	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	108	0.00
50 S	Toluene-d8	1.067	1.091	-2.2	127	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.166	14.9	113	0.00
52 CM	Toluene	0.786	0.731	7.0#	129	0.00
53 T	t-1,3-Dichloropropene	0.351	0.332	5.4	125	0.00
54 T	cis-1,3-Dichloropropene	0.468	0.458	2.1	129	0.00
55 T	1,1,2-Trichloroethane	0.231	0.213	7.8	118	0.00
56 T	Ethyl methacrylate	0.257	0.225	12.5	117	0.00
57 T	1,3-Dichloropropane	0.385	0.357	7.3	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.044	0.033	25.0	102	0.00
59 T	2-Hexanone	0.136	0.117	14.0	115	0.00
60 T	Dibromochloromethane	0.321	0.294	8.4	117	0.00
61 T	1,2-Dibromoethane	0.250	0.227	9.2	118	0.00
62 S	4-Bromofluorobenzene	0.432	0.399	7.6	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.409	0.399	2.4	124	0.00
65 PM	Chlorobenzene	1.015	0.990	2.5	126	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.388	2.5	125	0.00
67 C	Ethyl Benzene	1.687	1.617	4.1#	126	0.00
68 T	m/p-Xylenes	0.646	0.593	8.2	120	0.00
69 T	o-Xylene	0.689	0.677	1.7	123	0.00
70 T	Styrene	0.975	0.890	8.7	119	0.00
71 P	Bromoform	0.216	0.192	11.1	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	122	0.00
73 T	Isopropylbenzene	3.560	3.586	-0.7	127	0.00
74 T	N-amyl acetate	0.854	0.792	7.3	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.555	13.0	109	0.00
76 T	1,2,3-Trichloropropane	0.434	0.365	15.9	105	0.00
77 T	Bromobenzene	0.879	0.862	1.9	127	0.00
78 T	n-propylbenzene	4.085	3.859	5.5	121	0.00
79 T	2-Chlorotoluene	2.288	2.217	3.1	120	0.00
80 T	1,3,5-Trimethylbenzene	2.845	2.831	0.5	124	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.190	8.7	111	0.00
82 T	4-Chlorotoluene	2.375	2.161	9.0	116	0.00
83 T	tert-Butylbenzene	3.151	3.080	2.3	118	0.00
84 T	1,2,4-Trimethylbenzene	2.827	2.820	0.2	128	0.00
85 T	sec-Butylbenzene	4.075	4.063	0.3	124	0.00
86 T	p-Isopropyltoluene	3.420	3.388	0.9	125	0.00
87 T	1,3-Dichlorobenzene	1.715	1.614	5.9	123	0.00
88 T	1,4-Dichlorobenzene	1.649	1.578	4.3	124	0.00
89 T	n-Butylbenzene	3.230	3.208	0.7	125	0.00

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90 T	Hexachloroethane	0.795	0.826	-3.9	125	0.00
91 T	1,2-Dichlorobenzene	1.631	1.488	8.8	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.091	9.9	106	0.00
93 T	1,2,4-Trichlorobenzene	1.169	1.119	4.3	123	0.00
94 T	Hexachlorobutadiene	0.722	0.718	0.6	125	0.00
95 T	Naphthalene	2.045	1.976	3.4	118	0.00
96 T	1,2,3-Trichlorobenzene	1.073	1.063	0.9	121	0.00

(#) = Out of Range

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