

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF092618\
 Data File : VF060347.D
 Acq On : 26 Sep 2018 12:21
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 26 17:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 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	112	0.00
2 T	Dichlorodifluoromethane	0.888	0.730	17.8	109	0.00
3 P	Chloromethane	0.681	0.564	17.2	107	0.00
4 C	Vinyl Chloride	0.694	0.608	12.4#	113	0.00
5 T	Bromomethane	0.466	0.406	12.9	109	0.00
6 T	Chloroethane	0.331	0.296	10.6	107	0.00
7 T	Trichlorofluoromethane	1.294	1.215	6.1	112	0.00
8 T	Diethyl Ether	0.215	0.196	8.8	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.688	0.633	8.0	113	0.00
10 T	Methyl Iodide	1.109	1.001	9.7	112	0.00
11 T	Tert butyl alcohol	0.043	0.046	-7.0	146	0.00
12 CM	1,1-Dichloroethene	0.569	0.506	11.1#	106	0.00
13 T	Acrolein	0.021	0.011	47.6#	113	0.00
14 T	Allyl chloride	0.993	0.899	9.5	107	0.00
15 T	Acrylonitrile	0.095	0.091	4.2	119	0.00
16 T	Acetone	0.190	0.224	-17.9	139	0.00
17 T	Carbon Disulfide	1.717	1.348	21.5	103	0.02
18 T	Methyl Acetate	0.316	0.324	-2.5	125	0.00
19 T	Methyl tert-butyl Ether	1.418	1.430	-0.8	123	0.00
20 T	Methylene Chloride	0.665	0.528	20.6	116	0.00
21 T	trans-1,2-Dichloroethene	0.588	0.518	11.9	112	0.00
22 T	Diisopropyl ether	1.873	1.813	3.2	117	0.00
23 T	Vinyl Acetate	0.736	0.743	-1.0	125	0.00
24 P	1,1-Dichloroethane	1.215	1.125	7.4	119	0.00
25 T	2-Butanone	0.255	0.288	-12.9	129	0.00
26 T	2,2-Dichloropropane	0.693	0.636	8.2	106	0.00
27 T	cis-1,2-Dichloroethene	0.772	0.717	7.1	115	0.00
28 T	Bromochloromethane	0.473	0.459	3.0	120	0.00
29	Tetrahydrofuran	0.093	0.101	-8.6	132	0.00
30 C	Chloroform	1.466	1.413	3.6#	111	0.00
31 T	Cyclohexane	1.026	0.878	14.4	108	0.00
32 T	1,1,1-Trichloroethane	1.157	1.099	5.0	110	0.00
33 S	1,2-Dichloroethane-d4	0.673	0.653	3.0	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.446	0.424	4.9	108	0.00
36 T	1,1-Dichloropropene	0.624	0.615	1.4	115	0.00
37 T	Ethyl Acetate	0.264	0.250	5.3	112	0.00
38 T	Carbon Tetrachloride	0.670	0.636	5.1	110	0.00
39 T	Methylcyclohexane	0.676	0.604	10.7	104	0.00
40 TM	Benzene	1.414	1.389	1.8	115	0.00
41 T	Methacrylonitrile	0.143	0.153	-7.0	123	0.00
42 TM	1,2-Dichloroethane	0.521	0.562	-7.9	126	0.00
43 T	Isopropyl Acetate	0.318	0.356	-11.9	135	0.00
44 TM	Trichloroethene	0.421	0.399	5.2	109	0.00
45 C	1,2-Dichloropropane	0.366	0.362	1.1#	114	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.262	0.255	2.7	112	0.00
47 T	Bromodichloromethane	0.629	0.609	3.2	112	0.00
48 T	Methyl methacrylate	0.223	0.226	-1.3	125	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	133	-0.01
50 S	Toluene-d8	1.161	1.075	7.4	102	-0.01
51 T	4-Methyl-2-Pentanone	0.245	0.318	-29.8#	143	0.00
52 CM	Toluene	0.895	0.882	1.5#	116	0.00
53 T	t-1,3-Dichloropropene	0.507	0.526	-3.7	121	0.00
54 T	cis-1,3-Dichloropropene	0.639	0.649	-1.6	115	0.00
55 T	1,1,2-Trichloroethane	0.272	0.305	-12.1	123	0.00
56 T	Ethyl methacrylate	0.328	0.392	-19.5	142	0.00
57 T	1,3-Dichloropropane	0.450	0.517	-14.9	127	0.00
58 T	2-Chloroethyl Vinyl ether	0.029	0.028	3.4	116	0.00
59 T	2-Hexanone	0.174	0.237	-36.2#	147	0.00
60 T	Dibromochloromethane	0.405	0.432	-6.7	118	0.00
61 T	1,2-Dibromoethane	0.302	0.310	-2.6	119	0.00
62 S	4-Bromofluorobenzene	0.502	0.494	1.6	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.453	0.419	7.5	108	0.00
65 PM	Chlorobenzene	1.133	1.141	-0.7	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.470	0.473	-0.6	119	0.00
67 C	Ethyl Benzene	2.095	2.056	1.9#	114	0.00
68 T	m/p-Xylenes	0.724	0.705	2.6	116	0.00
69 T	o-Xylene	0.812	0.806	0.7	115	0.00
70 T	Styrene	1.145	1.102	3.8	112	0.00
71 P	Bromoform	0.258	0.268	-3.9	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	4.489	4.350	3.1	116	0.00
74 T	N-amyl acetate	0.957	1.092	-14.1	145	0.00
75 P	1,1,2,2-Tetrachloroethane	0.795	0.863	-8.6	128	0.00
76 T	1,2,3-Trichloropropane	0.570	0.608	-6.7	130	0.00
77 T	Bromobenzene	0.967	0.936	3.2	115	0.00
78 T	n-propylbenzene	5.299	5.023	5.2	114	0.00
79 T	2-Chlorotoluene	3.028	2.962	2.2	122	0.00
80 T	1,3,5-Trimethylbenzene	3.613	3.574	1.1	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.308	-2.3	130	0.00
82 T	4-Chlorotoluene	3.043	2.881	5.3	114	0.00
83 T	tert-Butylbenzene	3.663	3.514	4.1	114	0.00
84 T	1,2,4-Trimethylbenzene	3.669	3.324	9.4	111	0.00
85 T	sec-Butylbenzene	5.071	4.586	9.6	106	0.00
86 T	p-Isopropyltoluene	4.013	3.733	7.0	110	0.00
87 T	1,3-Dichlorobenzene	1.808	1.681	7.0	113	0.00
88 T	1,4-Dichlorobenzene	1.787	1.748	2.2	115	0.00
89 T	n-Butylbenzene	4.245	4.088	3.7	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	1.025	0.986	3.8	112	0.00
91 T	1,2-Dichlorobenzene	1.724	1.655	4.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.157	-5.4	129	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.228	2.0	119	0.00
94 T	Hexachlorobutadiene	0.847	0.798	5.8	111	0.00
95 T	Naphthalene	2.197	2.472	-12.5	137	0.00
96 T	1,2,3-Trichlorobenzene	1.158	1.200	-3.6	120	0.00

(#) = Out of Range

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