

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF092118\
 Data File : VF060311.D
 Acq On : 21 Sep 2018 12:00
 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 21 14:41:21 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	99	-0.02
2 T	Dichlorodifluoromethane	0.888	0.740	16.7	98	0.00
3 P	Chloromethane	0.681	0.591	13.2	98	0.00
4 C	Vinyl Chloride	0.694	0.621	10.5#	102	0.00
5 T	Bromomethane	0.466	0.418	10.3	99	0.00
6 T	Chloroethane	0.331	0.320	3.3	102	0.00
7 T	Trichlorofluoromethane	1.294	1.303	-0.7	105	0.00
8 T	Diethyl Ether	0.215	0.211	1.9	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.688	0.646	6.1	102	0.00
10 T	Methyl Iodide	1.109	1.063	4.1	105	0.00
11 T	Tert butyl alcohol	0.043	0.045	-4.7	126	-0.02
12 CM	1,1-Dichloroethene	0.569	0.541	4.9#	100	0.00
13 T	Acrolein	0.021	0.014	33.3#	130	-0.02
14 T	Allyl chloride	0.993	0.991	0.2	104	0.00
15 T	Acrylonitrile	0.095	0.087	8.4	100	0.00
16 T	Acetone	0.190	0.222	-16.8	122	0.00
17 T	Carbon Disulfide	1.717	1.485	13.5	100	0.00
18 T	Methyl Acetate	0.316	0.335	-6.0	114	0.00
19 T	Methyl tert-butyl Ether	1.418	1.434	-1.1	109	0.00
20 T	Methylene Chloride	0.665	0.547	17.7	106	0.00
21 T	trans-1,2-Dichloroethene	0.588	0.564	4.1	107	0.00
22 T	Diisopropyl ether	1.873	1.873	0.0	107	0.00
23 T	Vinyl Acetate	0.736	0.694	5.7	103	0.00
24 P	1,1-Dichloroethane	1.215	1.176	3.2	109	0.00
25 T	2-Butanone	0.255	0.271	-6.3	107	0.00
26 T	2,2-Dichloropropane	0.693	0.650	6.2	96	-0.02
27 T	cis-1,2-Dichloroethene	0.772	0.714	7.5	101	0.00
28 T	Bromochloromethane	0.473	0.455	3.8	105	-0.02
29	Tetrahydrofuran	0.093	0.088	5.4	101	0.00
30 C	Chloroform	1.466	1.347	8.1#	94	-0.02
31 T	Cyclohexane	1.026	0.885	13.7	96	-0.02
32 T	1,1,1-Trichloroethane	1.157	1.153	0.3	101	0.00
33 S	1,2-Dichloroethane-d4	0.673	0.676	-0.4	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.446	0.437	2.0	97	-0.02
36 T	1,1-Dichloropropene	0.624	0.620	0.6	101	-0.02
37 T	Ethyl Acetate	0.264	0.243	8.0	95	-0.02
38 T	Carbon Tetrachloride	0.670	0.674	-0.6	101	-0.02
39 T	Methylcyclohexane	0.676	0.652	3.6	97	0.00
40 TM	Benzene	1.414	1.363	3.6	98	0.00
41 T	Methacrylonitrile	0.143	0.139	2.8	97	0.00
42 TM	1,2-Dichloroethane	0.521	0.552	-6.0	108	0.00
43 T	Isopropyl Acetate	0.318	0.328	-3.1	108	0.00
44 TM	Trichloroethene	0.421	0.414	1.7	98	-0.02
45 C	1,2-Dichloropropane	0.366	0.371	-1.4#	102	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.262	0.264	-0.8	101	-0.02
47 T	Bromodichloromethane	0.629	0.638	-1.4	102	-0.02
48 T	Methyl methacrylate	0.223	0.232	-4.0	112	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	103	-0.02
50 S	Toluene-d8	1.161	1.183	-1.9	98	-0.02
51 T	4-Methyl-2-Pentanone	0.245	0.302	-23.3	119	0.00
52 CM	Toluene	0.895	0.883	1.3#	101	-0.02
53 T	t-1,3-Dichloropropene	0.507	0.509	-0.4	102	0.00
54 T	cis-1,3-Dichloropropene	0.639	0.661	-3.4	102	-0.02
55 T	1,1,2-Trichloroethane	0.272	0.273	-0.4	96	-0.02
56 T	Ethyl methacrylate	0.328	0.361	-10.1	114	0.00
57 T	1,3-Dichloropropane	0.450	0.483	-7.3	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.029	0.030	-3.4	109	0.00
59 T	2-Hexanone	0.174	0.227	-30.5#	123	0.00
60 T	Dibromochloromethane	0.405	0.417	-3.0	100	-0.02
61 T	1,2-Dibromoethane	0.302	0.317	-5.0	106	0.00
62 S	4-Bromofluorobenzene	0.502	0.510	-1.6	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	-0.02
64 T	Tetrachloroethene	0.453	0.384	15.2	93	0.00
65 PM	Chlorobenzene	1.133	1.053	7.1	100	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.470	0.436	7.2	102	0.00
67 C	Ethyl Benzene	2.095	1.879	10.3#	97	0.00
68 T	m/p-Xylenes	0.724	0.655	9.5	101	0.00
69 T	o-Xylene	0.812	0.742	8.6	98	0.00
70 T	Styrene	1.145	1.076	6.0	102	-0.02
71 P	Bromoform	0.258	0.248	3.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.489	4.158	7.4	98	0.00
74 T	N-amyl acetate	0.957	1.094	-14.3	128	0.00
75 P	1,1,2,2-Tetrachloroethane	0.795	0.792	0.4	103	0.00
76 T	1,2,3-Trichloropropane	0.570	0.563	1.2	106	-0.02
77 T	Bromobenzene	0.967	0.868	10.2	94	0.00
78 T	n-propylbenzene	5.299	5.033	5.0	100	0.00
79 T	2-Chlorotoluene	3.028	2.900	4.2	105	0.00
80 T	1,3,5-Trimethylbenzene	3.613	3.360	7.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.299	0.7	111	0.00
82 T	4-Chlorotoluene	3.043	2.904	4.6	102	0.00
83 T	tert-Butylbenzene	3.663	3.568	2.6	102	0.00
84 T	1,2,4-Trimethylbenzene	3.669	3.504	4.5	103	0.00
85 T	sec-Butylbenzene	5.071	4.697	7.4	96	-0.02
86 T	p-Isopropyltoluene	4.013	3.941	1.8	102	0.00
87 T	1,3-Dichlorobenzene	1.808	1.748	3.3	103	0.00
88 T	1,4-Dichlorobenzene	1.787	1.683	5.8	97	0.00
89 T	n-Butylbenzene	4.245	4.149	2.3	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	1.025	0.998	2.6	100	0.00
91 T	1,2-Dichlorobenzene	1.724	1.631	5.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.143	4.0	103	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.182	5.7	101	0.00
94 T	Hexachlorobutadiene	0.847	0.794	6.3	97	0.00
95 T	Naphthalene	2.197	2.266	-3.1	111	0.00
96 T	1,2,3-Trichlorobenzene	1.158	1.152	0.5	101	0.00

(#) = Out of Range

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