

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060478.D
 Acq On : 8 Oct 2018 10:45
 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: Oct 09 01:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	119	-0.02
2 T	Dichlorodifluoromethane	1.181	0.938	20.6	96	0.00
3 P	Chloromethane	0.679	0.616	9.3	108	0.00
4 C	Vinyl Chloride	0.706	0.641	9.2#	107	0.00
5 T	Bromomethane	0.547	0.492	10.1	100	0.00
6 T	Chloroethane	0.352	0.344	2.3	110	0.00
7 T	Trichlorofluoromethane	1.639	1.449	11.6	98	0.00
8 T	Diethyl Ether	0.225	0.217	3.6	123	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.785	0.713	9.2	107	0.00
10 T	Methyl Iodide	1.197	1.150	3.9	114	0.00
11 T	Tert butyl alcohol	0.047	0.041	12.8	105	0.00
12 CM	1,1-Dichloroethene	0.606	0.606	0.0	121	0.00
13 T	Acrolein	0.038	0.029	23.7	88	0.00
14 T	Allyl chloride	0.972	0.960	1.2	115	0.00
15 T	Acrylonitrile	0.081	0.079	2.5	119	0.00
16 T	Acetone	0.191	0.183	4.2	127	0.00
17 T	Carbon Disulfide	1.837	1.699	7.5	109	0.00
18 T	Methyl Acetate	0.326	0.312	4.3	128	0.00
19 T	Methyl tert-butyl Ether	1.477	1.443	2.3	113	0.00
20 T	Methylene Chloride	0.686	0.561	18.2	114	0.00
21 T	trans-1,2-Dichloroethene	0.606	0.608	-0.3	120	-0.02
22 T	Diisopropyl ether	1.764	1.814	-2.8	124	0.00
23 T	Vinyl Acetate	0.701	0.682	2.7	117	-0.02
24 P	1,1-Dichloroethane	1.193	1.194	-0.1	119	-0.02
25 T	2-Butanone	0.203	0.202	0.5	128	-0.02
26 T	2,2-Dichloropropane	0.676	0.636	5.9	109	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.684	-1.0	122	-0.02
28 T	Bromochloromethane	0.440	0.430	2.3	107	-0.02
29	Tetrahydrofuran	0.082	0.078	4.9	121	-0.01
30 C	Chloroform	1.472	1.426	3.1#	111	-0.02
31 T	Cyclohexane	0.857	0.883	-3.0	120	-0.02
32 T	1,1,1-Trichloroethane	1.225	1.134	7.4	103	-0.02
33 S	1,2-Dichloroethane-d4	0.782	0.713	8.8	103	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	-0.02
35 S	Dibromofluoromethane	0.470	0.435	7.4	105	-0.02
36 T	1,1-Dichloropropene	0.616	0.605	1.8	114	-0.02
37 T	Ethyl Acetate	0.236	0.218	7.6	115	-0.02
38 T	Carbon Tetrachloride	0.750	0.591	21.2	88	-0.02
39 T	Methylcyclohexane	0.604	0.600	0.7	127	-0.02
40 TM	Benzene	1.224	1.231	-0.6	126	0.00
41 T	Methacrylonitrile	0.125	0.127	-1.6	129	-0.02
42 TM	1,2-Dichloroethane	0.584	0.530	9.2	107	-0.02
43 T	Isopropyl Acetate	0.285	0.273	4.2	121	0.00
44 TM	Trichloroethene	0.393	0.385	2.0	123	-0.02
45 C	1,2-Dichloropropane	0.326	0.324	0.6#	120	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.262	0.246	6.1	111	-0.02
47 T	Bromodichloromethane	0.649	0.620	4.5	113	-0.02
48 T	Methyl methacrylate	0.205	0.184	10.2	109	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	131	-0.02
50 S	Toluene-d8	1.157	1.142	1.3	111	-0.02
51 T	4-Methyl-2-Pentanone	0.203	0.197	3.0	123	-0.02
52 CM	Toluene	0.831	0.842	-1.3#	129	-0.02
53 T	t-1,3-Dichloropropene	0.509	0.484	4.9	118	-0.02
54 T	cis-1,3-Dichloropropene	0.594	0.594	0.0	115	0.00
55 T	1,1,2-Trichloroethane	0.263	0.242	8.0	113	0.00
56 T	Ethyl methacrylate	0.299	0.301	-0.7	126	-0.02
57 T	1,3-Dichloropropane	0.446	0.405	9.2	112	-0.02
58 T	2-Chloroethyl Vinyl ether	0.031	0.027	12.9	112	-0.02
59 T	2-Hexanone	0.149	0.151	-1.3	137	-0.02
60 T	Dibromochloromethane	0.397	0.389	2.0	115	-0.02
61 T	1,2-Dibromoethane	0.288	0.278	3.5	116	-0.02
62 S	4-Bromofluorobenzene	0.528	0.501	5.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	-0.02
64 T	Tetrachloroethene	0.397	0.407	-2.5	124	-0.02
65 PM	Chlorobenzene	1.027	1.068	-4.0	125	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.448	0.448	0.0	118	-0.02
67 C	Ethyl Benzene	1.953	1.902	2.6#	117	-0.02
68 T	m/p-Xylenes	0.671	0.663	1.2	122	-0.02
69 T	o-Xylene	0.732	0.765	-4.5	123	-0.02
70 T	Styrene	1.041	1.026	1.4	121	0.00
71 P	Bromoform	0.239	0.230	3.8	111	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	-0.02
73 T	Isopropylbenzene	3.937	4.270	-8.5	122	-0.02
74 T	N-amyl acetate	0.904	0.926	-2.4	119	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.718	0.749	-4.3	118	-0.02
76 T	1,2,3-Trichloropropane	0.528	0.528	0.0	113	-0.02
77 T	Bromobenzene	0.880	0.916	-4.1	119	0.00
78 T	n-propylbenzene	4.773	4.889	-2.4	114	-0.02
79 T	2-Chlorotoluene	2.792	2.976	-6.6	118	0.00
80 T	1,3,5-Trimethylbenzene	3.345	3.518	-5.2	117	0.00
81 T	trans-1,4-Dichloro-2-butene	0.234	0.228	2.6	104	-0.02
82 T	4-Chlorotoluene	2.857	2.960	-3.6	118	0.00
83 T	tert-Butylbenzene	3.299	3.600	-9.1	118	0.00
84 T	1,2,4-Trimethylbenzene	3.317	3.519	-6.1	118	-0.02
85 T	sec-Butylbenzene	4.554	4.650	-2.1	114	-0.02
86 T	p-Isopropyltoluene	3.720	3.986	-7.2	119	0.00
87 T	1,3-Dichlorobenzene	1.656	1.675	-1.1	115	0.00
88 T	1,4-Dichlorobenzene	1.633	1.673	-2.4	115	0.00
89 T	n-Butylbenzene	3.937	4.067	-3.3	112	-0.02

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90 T	Hexachloroethane	0.962	1.053	-9.5	117	0.00
91 T	1,2-Dichlorobenzene	1.587	1.669	-5.2	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.139	0.148	-6.5	121	0.00
93 T	1,2,4-Trichlorobenzene	1.186	1.234	-4.0	116	-0.02
94 T	Hexachlorobutadiene	0.828	0.879	-6.2	119	0.00
95 T	Naphthalene	2.120	2.401	-13.3	123	0.00
96 T	1,2,3-Trichlorobenzene	1.112	1.234	-11.0	121	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5