

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122218\
 Data File : VU028930.D
 Acq On : 22 Dec 2018 21:27
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 07:41:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	163#	0.00
2 T	Dichlorodifluoromethane	0.670	0.531	20.7#	129	0.00
3 P	Chloromethane	1.232	0.742	39.8#	103	0.00
4 C	Vinyl Chloride	0.889	0.734	17.4#	135	0.00
5 T	Bromomethane	0.358	0.378	-5.6	186#	-0.02
6 T	Chloroethane	0.503	0.425	15.5	135	-0.01
7 T	Trichlorofluoromethane	0.936	0.821	12.3	147	0.00
8 T	Diethyl Ether	0.438	0.402	8.2	156#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.560	0.517	7.7	155#	0.00
10 T	Methyl Iodide	0.439	0.579	-31.9#	211#	0.00
11 T	Tert butyl alcohol	0.170	0.145	14.7	140	0.00
12 CM	1,1-Dichloroethene	0.557	0.531	4.7#	159#	0.00
13 T	Acrolein	0.136	0.108	20.6#	130	0.00
14 T	Allyl chloride	1.317	0.912	30.8#	119	0.00
15 T	Acrylonitrile	0.472	0.365	22.7#	125	0.00
16 T	Acetone	0.498	0.265	46.8#	93	0.00
17 T	Carbon Disulfide	2.005	1.606	19.9	136	0.00
18 T	Methyl Acetate	1.291	0.932	27.8#	117	0.00
19 T	Methyl tert-butyl Ether	2.110	1.846	12.5	144	0.00
20 T	Methylene Chloride	0.734	0.629	14.3	152#	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.566	9.7	150#	0.00
22 T	Diisopropyl ether	2.561	1.776	30.7#	113	0.00
23 T	Vinyl Acetate	2.112	1.424	32.6#	108	0.00
24 P	1,1-Dichloroethane	1.341	1.060	21.0#	133	0.00
25 T	2-Butanone	0.680	0.441	35.1#	105	0.00
26 T	2,2-Dichloropropane	1.062	0.788	25.8#	126	0.00
27 T	cis-1,2-Dichloroethene	0.709	0.658	7.2	154#	0.00
28 T	Bromochloromethane	0.609	0.414	32.0#	111	0.00
29 T	Tetrahydrofuran	0.437	0.296	32.3#	109	0.00
30 C	Chloroform	1.168	1.026	12.2#	146	0.00
31 T	Cyclohexane	1.573	0.989	37.1#	125	0.00
32 T	1,1,1-Trichloroethane	0.970	0.845	12.9	144	0.00
33 S	1,2-Dichloroethane-d4	0.763	0.598	21.6#	133	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	154#	0.00
35 S	Dibromofluoromethane	0.315	0.320	-1.6	160#	0.00
36 T	1,1-Dichloropropene	0.547	0.484	11.5	138	0.00
37 T	Ethyl Acetate	0.707	0.520	26.4#	110	0.00
38 T	Carbon Tetrachloride	0.441	0.413	6.3	147	0.00
39 T	Methylcyclohexane	0.668	0.597	10.6	142	0.00
40 TM	Benzene	1.611	1.525	5.3	146	0.00
41 T	Methacrylonitrile	0.387	0.285	26.4#	111	0.00
42 TM	1,2-Dichloroethane	0.564	0.470	16.7	129	0.00
43 T	Isopropyl Acetate	1.119	0.837	25.2#	113	0.00
44 TM	Trichloroethene	0.358	0.384	-7.3	169#	0.00
45 C	1,2-Dichloropropane	0.453	0.400	11.7#	132	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.269	0.259	3.7	148	0.00
47 T	Bromodichloromethane	0.523	0.472	9.8	140	0.00
48 T	Methyl methacrylate	0.556	0.415	25.4#	111	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	173#	0.00
50 S	Toluene-d8	1.245	1.236	0.7	156#	0.00
51 T	4-Methyl-2-Pentanone	0.706	0.524	25.8#	113	0.00
52 CM	Toluene	0.948	0.962	-1.5#	154#	0.00
53 T	t-1,3-Dichloropropene	0.623	0.562	9.8	138	0.00
54 T	cis-1,3-Dichloropropene	0.676	0.614	9.2	139	0.00
55 T	1,1,2-Trichloroethane	0.375	0.378	-0.8	151#	0.00
56 T	Ethyl methacrylate	0.642	0.609	5.1	141	0.00
57 T	1,3-Dichloropropane	0.696	0.642	7.8	143	0.00
58 T	2-Chloroethyl Vinyl ether	0.329	0.261	20.7#	120	0.00
59 T	2-Hexanone	0.559	0.405	27.5#	111	0.00
60 T	Dibromochloromethane	0.367	0.357	2.7	152#	0.00
61 T	1,2-Dibromoethane	0.393	0.410	-4.3	156#	0.00
62 S	4-Bromofluorobenzene	0.465	0.464	0.2	159#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	151#	0.00
64 T	Tetrachloroethene	0.334	0.373	-11.7	173#	0.00
65 PM	Chlorobenzene	1.065	1.122	-5.4	161#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.367	-7.9	159#	0.00
67 C	Ethyl Benzene	1.959	1.971	-0.6#	152#	0.00
68 T	m/p-Xylenes	0.713	0.761	-6.7	158#	0.00
69 T	o-Xylene	0.693	0.742	-7.1	160#	0.00
70 T	Styrene	1.146	1.220	-6.5	159#	0.00
71 P	Bromoform	0.289	0.311	-7.6	158#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	154#	0.00
73 T	Isopropylbenzene	3.837	3.856	-0.5	158#	0.00
74 T	N-amyl acetate	2.213	1.626	26.5#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.474	1.408	4.5	147	0.00
76 T	1,2,3-Trichloropropane	1.277	1.210	5.2	143	0.00
77 T	Bromobenzene	0.897	0.995	-10.9	172#	0.00
78 T	n-propylbenzene	4.767	4.550	4.6	148	0.00
79 T	2-Chlorotoluene	2.746	2.682	2.3	151#	0.00
80 T	1,3,5-Trimethylbenzene	3.176	3.258	-2.6	157#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.550	0.508	7.6	164#	0.00
82 T	4-Chlorotoluene	3.254	3.051	6.2	148	0.00
83 T	tert-Butylbenzene	3.061	3.133	-2.4	159#	0.00
84 T	1,2,4-Trimethylbenzene	3.273	3.417	-4.4	161#	0.00
85 T	sec-Butylbenzene	3.933	3.829	2.6	150	0.00
86 T	p-Isopropyltoluene	3.341	3.312	0.9	154#	0.00
87 T	1,3-Dichlorobenzene	1.694	1.782	-5.2	167#	0.00
88 T	1,4-Dichlorobenzene	1.753	1.767	-0.8	164#	0.00
89 T	n-Butylbenzene	3.381	2.973	12.1	136	0.00

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90 T	Hexachloroethane	0.505	0.465	7.9	142	0.00
91 T	1,2-Dichlorobenzene	1.695	1.787	-5.4	168#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.319	0.291	8.8	137	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.194	1.7	162#	0.00
94 T	Hexachlorobutadiene	0.555	0.507	8.6	147	0.00
95 T	Naphthalene	4.067	4.305	-5.9	167#	0.00
96 T	1,2,3-Trichlorobenzene	1.222	1.215	0.6	162#	0.00

(#) = Out of Range

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