

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120518\
 Data File : VU028468.D
 Acq On : 05 Dec 2018 09:55
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 02:15:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 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	169#	0.00
2 T	Dichlorodifluoromethane	0.671	0.640	4.6	155#	0.00
3 P	Chloromethane	1.300	1.144	12.0	150#	0.00
4 C	Vinyl Chloride	0.910	0.879	3.4#	160#	0.00
5 T	Bromomethane	0.352	0.349	0.9	176#	0.00
6 T	Chloroethane	0.523	0.517	1.1	165#	0.00
7 T	Trichlorofluoromethane	0.945	0.949	-0.4	167#	0.00
8 T	Diethyl Ether	0.439	0.458	-4.3	181#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.550	0.602	-9.5	181#	0.00
10 T	Methyl Iodide	0.519	0.514	1.0	161#	0.00
11 T	Tert butyl alcohol	0.190	0.185	2.6	169#	0.00
12 CM	1,1-Dichloroethene	0.534	0.582	-9.0#	181#	0.00
13 T	Acrolein	0.169	0.154	8.9	157#	0.00
14 T	Allyl chloride	1.396	1.171	16.1	143	0.00
15 T	Acrylonitrile	0.502	0.461	8.2	149	0.00
16 T	Acetone	0.511	0.486	4.9	164#	0.00
17 T	Carbon Disulfide	2.050	1.865	9.0	155#	0.00
18 T	Methyl Acetate	1.423	1.289	9.4	153#	0.00
19 T	Methyl tert-butyl Ether	2.190	2.173	0.8	164#	0.00
20 T	Methylene Chloride	0.791	0.710	10.2	166#	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.629	-1.6	167#	0.00
22 T	Diisopropyl ether	2.748	2.472	10.0	146	0.00
23 T	Vinyl Acetate	2.284	2.049	10.3	144	0.00
24 P	1,1-Dichloroethane	1.355	1.304	3.8	155#	0.00
25 T	2-Butanone	0.733	0.662	9.7	149	0.00
26 T	2,2-Dichloropropane	1.076	1.073	0.3	164#	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.740	-1.0	170#	0.00
28 T	Bromochloromethane	0.677	0.613	9.5	146	0.00
29 T	Tetrahydrofuran	0.476	0.417	12.4	142	0.00
30 C	Chloroform	1.250	1.203	3.8#	162#	0.00
31 T	Cyclohexane	1.608	1.240	22.9#	149	0.00
32 T	1,1,1-Trichloroethane	1.003	1.000	0.3	164#	0.00
33 S	1,2-Dichloroethane-d4	0.836	0.770	7.9	150#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	153#	0.00
35 S	Dibromofluoromethane	0.332	0.358	-7.8	167#	0.00
36 T	1,1-Dichloropropene	0.547	0.561	-2.6	162#	0.00
37 T	Ethyl Acetate	0.746	0.709	5.0	142	0.00
38 T	Carbon Tetrachloride	0.449	0.480	-6.9	166#	0.00
39 T	Methylcyclohexane	0.645	0.704	-9.1	163#	0.00
40 TM	Benzene	1.621	1.729	-6.7	159#	0.00
41 T	Methacrylonitrile	0.414	0.396	4.3	139	0.00
42 TM	1,2-Dichloroethane	0.584	0.585	-0.2	151#	0.00
43 T	Isopropyl Acetate	1.182	1.162	1.7	146	0.00
44 TM	Trichloroethene	0.347	0.404	-16.4	175#	0.00
45 C	1,2-Dichloropropane	0.475	0.488	-2.7#	154#	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	0.273	0.294	-7.7	162#	0.00
47 T	Bromodichloromethane	0.542	0.564	-4.1	159#	0.00
48 T	Methyl methacrylate	0.615	0.585	4.9	145	0.00
49 T	1,4-Dioxane	0.010	0.012	-20.0	184#	0.00
50 S	Toluene-d8	1.330	1.407	-5.8	160#	0.00
51 T	4-Methyl-2-Pentanone	0.755	0.714	5.4	141	0.00
52 CM	Toluene	0.933	1.045	-12.0#	165#	0.00
53 T	t-1,3-Dichloropropene	0.648	0.685	-5.7	161#	0.00
54 T	cis-1,3-Dichloropropene	0.695	0.726	-4.5	160#	0.00
55 T	1,1,2-Trichloroethane	0.388	0.413	-6.4	163#	0.00
56 T	Ethyl methacrylate	0.661	0.717	-8.5	158#	0.00
57 T	1,3-Dichloropropane	0.712	0.749	-5.2	160#	0.00
58 T	2-Chloroethyl Vinyl ether	0.355	0.359	-1.1	147	0.00
59 T	2-Hexanone	0.585	0.571	2.4	145	0.00
60 T	Dibromochloromethane	0.369	0.411	-11.4	170#	0.00
61 T	1,2-Dibromoethane	0.398	0.445	-11.8	165#	0.00
62 S	4-Bromofluorobenzene	0.479	0.522	-9.0	162#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	156#	0.00
64 T	Tetrachloroethene	0.329	0.368	-11.9	175#	0.00
65 PM	Chlorobenzene	1.038	1.175	-13.2	173#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.396	-11.2	171#	0.00
67 C	Ethyl Benzene	1.955	2.155	-10.2#	166#	0.00
68 T	m/p-Xylenes	0.704	0.795	-12.9	168#	0.00
69 T	o-Xylene	0.700	0.775	-10.7	168#	0.00
70 T	Styrene	1.128	1.293	-14.6	170#	0.00
71 P	Bromoform	0.299	0.342	-14.4	173#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	160#	0.00
73 T	Isopropylbenzene	3.889	4.189	-7.7	168#	0.00
74 T	N-amyl acetate	2.436	2.221	8.8	144	0.00
75 P	1,1,2,2-Tetrachloroethane	1.599	1.589	0.6	159#	0.00
76 T	1,2,3-Trichloropropane	1.387	1.380	0.5	157#	0.00
77 T	Bromobenzene	0.916	1.010	-10.3	175#	0.00
78 T	n-propylbenzene	4.797	5.147	-7.3	166#	0.00
79 T	2-Chlorotoluene	2.828	2.981	-5.4	164#	0.00
80 T	1,3,5-Trimethylbenzene	3.277	3.503	-6.9	168#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.522	0.502	3.8	157#	0.00
82 T	4-Chlorotoluene	3.258	3.449	-5.9	167#	0.00
83 T	tert-Butylbenzene	3.055	3.406	-11.5	171#	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.581	-7.9	166#	0.00
85 T	sec-Butylbenzene	3.968	4.292	-8.2	170#	0.00
86 T	p-Isopropyltoluene	3.263	3.683	-12.9	175#	0.00
87 T	1,3-Dichlorobenzene	1.671	1.835	-9.8	176#	0.00
88 T	1,4-Dichlorobenzene	1.682	1.846	-9.8	173#	0.00
89 T	n-Butylbenzene	3.220	3.566	-10.7	168#	0.00

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90 T	Hexachloroethane	0.509	0.551	-8.3	169#	0.00
91 T	1,2-Dichlorobenzene	1.667	1.858	-11.5	176#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.356	0.342	3.9	154#	0.00
93 T	1,2,4-Trichlorobenzene	1.091	1.279	-17.2	183#	0.00
94 T	Hexachlorobutadiene	0.515	0.578	-12.2	176#	0.00
95 T	Naphthalene	3.712	4.417	-19.0	176#	0.00
96 T	1,2,3-Trichlorobenzene	1.104	1.286	-16.5	178#	0.00

(#) = Out of Range

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