

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028428.D
 Acq On : 03 Dec 2018 09:50
 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 04 07:04:41 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	141	0.00
2 T	Dichlorodifluoromethane	0.671	0.617	8.0	124	0.00
3 P	Chloromethane	1.300	1.104	15.1	121	0.00
4 C	Vinyl Chloride	0.910	0.841	7.6#	128	0.00
5 T	Bromomethane	0.352	0.325	7.7	137	0.01
6 T	Chloroethane	0.523	0.477	8.8	127	0.00
7 T	Trichlorofluoromethane	0.945	0.903	4.4	132	0.00
8 T	Diethyl Ether	0.439	0.414	5.7	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.550	0.547	0.5	137	0.00
10 T	Methyl Iodide	0.519	0.376	27.6#	98	0.00
11 T	Tert butyl alcohol	0.190	0.177	6.8	135	0.00
12 CM	1,1-Dichloroethene	0.534	0.533	0.2#	138	0.00
13 T	Acrolein	0.169	0.145	14.2	124	0.00
14 T	Allyl chloride	1.396	1.199	14.1	122	0.00
15 T	Acrylonitrile	0.502	0.464	7.6	125	0.00
16 T	Acetone	0.511	0.580	-13.5	163#	0.00
17 T	Carbon Disulfide	2.050	1.807	11.9	125	0.00
18 T	Methyl Acetate	1.423	1.291	9.3	127	0.00
19 T	Methyl tert-butyl Ether	2.190	2.066	5.7	130	0.00
20 T	Methylene Chloride	0.791	0.670	15.3	130	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.599	3.2	132	0.00
22 T	Diisopropyl ether	2.748	2.510	8.7	124	0.00
23 T	Vinyl Acetate	2.284	2.079	9.0	122	0.00
24 P	1,1-Dichloroethane	1.355	1.269	6.3	126	0.00
25 T	2-Butanone	0.733	0.737	-0.5	139	0.00
26 T	2,2-Dichloropropane	1.076	1.020	5.2	130	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.688	6.1	132	0.00
28 T	Bromochloromethane	0.677	0.605	10.6	120	0.00
29 T	Tetrahydrofuran	0.476	0.433	9.0	123	0.00
30 C	Chloroform	1.250	1.144	8.5#	128	0.00
31 T	Cyclohexane	1.608	1.242	22.8#	124	0.00
32 T	1,1,1-Trichloroethane	1.003	0.938	6.5	128	0.00
33 S	1,2-Dichloroethane-d4	0.836	0.734	12.2	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	132	0.00
35 S	Dibromofluoromethane	0.332	0.318	4.2	127	0.00
36 T	1,1-Dichloropropene	0.547	0.532	2.7	132	0.00
37 T	Ethyl Acetate	0.746	0.721	3.4	124	0.00
38 T	Carbon Tetrachloride	0.449	0.445	0.9	132	0.00
39 T	Methylcyclohexane	0.645	0.662	-2.6	132	0.00
40 TM	Benzene	1.621	1.606	0.9	127	0.00
41 T	Methacrylonitrile	0.414	0.401	3.1	121	0.00
42 TM	1,2-Dichloroethane	0.584	0.556	4.8	123	0.00
43 T	Isopropyl Acetate	1.182	1.140	3.6	123	0.00
44 TM	Trichloroethene	0.347	0.357	-2.9	133	0.00
45 C	1,2-Dichloropropane	0.475	0.458	3.6#	124	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.273	0.0	129	0.00
47 T	Bromodichloromethane	0.542	0.526	3.0	128	0.00
48 T	Methyl methacrylate	0.615	0.580	5.7	124	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	137	0.00
50 S	Toluene-d8	1.330	1.279	3.8	125	0.00
51 T	4-Methyl-2-Pentanone	0.755	0.717	5.0	121	0.00
52 CM	Toluene	0.933	0.962	-3.1#	131	0.00
53 T	t-1,3-Dichloropropene	0.648	0.646	0.3	130	0.00
54 T	cis-1,3-Dichloropropene	0.695	0.690	0.7	131	0.00
55 T	1,1,2-Trichloroethane	0.388	0.376	3.1	127	0.00
56 T	Ethyl methacrylate	0.661	0.660	0.2	125	0.00
57 T	1,3-Dichloropropane	0.712	0.691	2.9	127	0.00
58 T	2-Chloroethyl Vinyl ether	0.355	0.339	4.5	119	0.00
59 T	2-Hexanone	0.585	0.591	-1.0	129	0.00
60 T	Dibromochloromethane	0.369	0.371	-0.5	131	0.00
61 T	1,2-Dibromoethane	0.398	0.412	-3.5	131	0.00
62 S	4-Bromofluorobenzene	0.479	0.485	-1.3	129	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	134	0.00
64 T	Tetrachloroethene	0.329	0.326	0.9	133	0.00
65 PM	Chlorobenzene	1.038	1.057	-1.8	133	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.353	0.8	131	0.00
67 C	Ethyl Benzene	1.955	2.000	-2.3#	133	0.00
68 T	m/p-Xylenes	0.704	0.729	-3.6	133	0.00
69 T	o-Xylene	0.700	0.713	-1.9	133	0.00
70 T	Styrene	1.128	1.179	-4.5	133	0.00
71 P	Bromoform	0.299	0.304	-1.7	132	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	141	0.00
73 T	Isopropylbenzene	3.889	3.712	4.6	131	0.00
74 T	N-amyl acetate	2.436	2.122	12.9	120	0.00
75 P	1,1,2,2-Tetrachloroethane	1.599	1.465	8.4	129	0.00
76 T	1,2,3-Trichloropropane	1.387	1.293	6.8	129	0.00
77 T	Bromobenzene	0.916	0.873	4.7	133	0.00
78 T	n-propylbenzene	4.797	4.716	1.7	134	0.00
79 T	2-Chlorotoluene	2.828	2.679	5.3	130	0.00
80 T	1,3,5-Trimethylbenzene	3.277	3.148	3.9	132	0.00
81 T	trans-1,4-Dichloro-2-butene	0.522	0.479	8.2	131	0.00
82 T	4-Chlorotoluene	3.258	3.167	2.8	135	0.00
83 T	tert-Butylbenzene	3.055	3.004	1.7	132	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.229	2.7	131	0.00
85 T	sec-Butylbenzene	3.968	3.898	1.8	136	0.00
86 T	p-Isopropyltoluene	3.263	3.313	-1.5	138	0.00
87 T	1,3-Dichlorobenzene	1.671	1.648	1.4	139	0.00
88 T	1,4-Dichlorobenzene	1.682	1.682	0.0	138	0.00
89 T	n-Butylbenzene	3.220	3.447	-7.0	142	0.00

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90 T	Hexachloroethane	0.509	0.503	1.2	135	0.00
91 T	1,2-Dichlorobenzene	1.667	1.638	1.7	136	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.356	0.332	6.7	131	0.00
93 T	1,2,4-Trichlorobenzene	1.091	1.217	-11.5	153#	0.00
94 T	Hexachlorobutadiene	0.515	0.533	-3.5	142	0.00
95 T	Naphthalene	3.712	4.063	-9.5	143	0.00
96 T	1,2,3-Trichlorobenzene	1.104	1.193	-8.1	145	0.00

(#) = Out of Range

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