

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU111318\
 Data File : VU028108.D
 Acq On : 13 Nov 2018 21:43
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 08:13:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 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	121	0.00
2 T	Dichlorodifluoromethane	0.635	0.501	21.1#	83	0.00
3 P	Chloromethane	0.768	0.751	2.2	110	0.00
4 C	Vinyl Chloride	0.763	0.782	-2.5#	115	0.00
5 T	Bromomethane	0.336	0.394	-17.3	151#	0.00
6 T	Chloroethane	0.439	0.477	-8.7	123	0.00
7 T	Trichlorofluoromethane	0.881	0.902	-2.4	114	0.00
8 T	Diethyl Ether	0.377	0.432	-14.6	131	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.554	-5.7	118	0.00
10 T	Methyl Iodide	0.392	0.655	-67.1#	176#	0.00
11 T	Tert butyl alcohol	0.197	0.205	-4.1	120	0.00
12 CM	1,1-Dichloroethene	0.524	0.538	-2.7#	118	0.00
13 T	Acrolein	0.078	0.082	-5.1	139	0.00
14 T	Allyl chloride	1.281	1.160	9.4	107	0.00
15 T	Acrylonitrile	0.483	0.495	-2.5	113	0.00
16 T	Acetone	0.461	0.426	7.6	111	0.00
17 T	Carbon Disulfide	1.713	1.565	8.6	103	0.00
18 T	Methyl Acetate	1.269	1.295	-2.0	120	0.00
19 T	Methyl tert-butyl Ether	2.113	2.193	-3.8	118	0.00
20 T	Methylene Chloride	0.673	0.682	-1.3	115	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.586	3.1	111	0.00
22 T	Diisopropyl ether	2.644	2.600	1.7	111	0.00
23 T	Vinyl Acetate	2.272	2.233	1.7	108	0.00
24 P	1,1-Dichloroethane	1.317	1.296	1.6	113	0.00
25 T	2-Butanone	0.734	0.711	3.1	107	0.00
26 T	2,2-Dichloropropane	0.988	0.962	2.6	115	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.708	-4.4	114	0.00
28 T	Bromochloromethane	0.617	0.637	-3.2	124	0.00
29 T	Tetrahydrofuran	0.490	0.456	6.9	105	0.00
30 C	Chloroform	1.208	1.192	1.3#	114	0.00
31 T	Cyclohexane	1.547	1.215	21.5#	110	0.00
32 T	1,1,1-Trichloroethane	0.961	0.976	-1.6	113	0.00
33 S	1,2-Dichloroethane-d4	0.743	0.779	-4.8	127	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35 S	Dibromofluoromethane	0.315	0.343	-8.9	132	0.00
36 T	1,1-Dichloropropene	0.524	0.514	1.9	113	0.00
37 T	Ethyl Acetate	0.767	0.733	4.4	109	0.00
38 T	Carbon Tetrachloride	0.464	0.455	1.9	110	0.00
39 T	Methylcyclohexane	0.632	0.618	2.2	112	0.00
40 TM	Benzene	1.601	1.621	-1.2	113	0.00
41 T	Methacrylonitrile	0.409	0.414	-1.2	107	0.00
42 TM	1,2-Dichloroethane	0.569	0.572	-0.5	113	0.00
43 T	Isopropyl Acetate	1.202	1.187	1.2	110	0.00
44 TM	Trichloroethene	0.344	0.356	-3.5	117	0.00
45 C	1,2-Dichloropropane	0.462	0.466	-0.9#	112	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.265	0.280	-5.7	118	0.00
47 T	Bromodichloromethane	0.511	0.534	-4.5	114	0.00
48 T	Methyl methacrylate	0.589	0.604	-2.5	111	0.00
49 T	1,4-Dioxane	0.010	0.012	-20.0	132	0.00
50 S	Toluene-d8	1.218	1.340	-10.0	132	0.00
51 T	4-Methyl-2-Pentanone	0.803	0.789	1.7	109	0.00
52 CM	Toluene	0.941	0.957	-1.7#	114	0.00
53 T	t-1,3-Dichloropropene	0.572	0.620	-8.4	114	0.00
54 T	cis-1,3-Dichloropropene	0.631	0.671	-6.3	113	0.00
55 T	1,1,2-Trichloroethane	0.383	0.405	-5.7	121	0.00
56 T	Ethyl methacrylate	0.675	0.712	-5.5	114	0.00
57 T	1,3-Dichloropropane	0.698	0.712	-2.0	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.362	0.383	-5.8	124	0.00
59 T	2-Hexanone	0.621	0.616	0.8	108	0.00
60 T	Dibromochloromethane	0.362	0.391	-8.0	116	0.00
61 T	1,2-Dibromoethane	0.407	0.423	-3.9	113	0.00
62 S	4-Bromofluorobenzene	0.449	0.501	-11.6	135	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
64 T	Tetrachloroethene	0.324	0.334	-3.1	121	0.00
65 PM	Chlorobenzene	1.056	1.083	-2.6	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.384	-6.4	118	0.00
67 C	Ethyl Benzene	1.944	2.036	-4.7#	117	0.00
68 T	m/p-Xylenes	0.706	0.739	-4.7	117	0.00
69 T	o-Xylene	0.712	0.746	-4.8	119	0.00
70 T	Styrene	1.138	1.211	-6.4	116	0.00
71 P	Bromoform	0.302	0.322	-6.6	116	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	3.873	4.030	-4.1	118	0.00
74 T	N-amyl acetate	2.342	2.392	-2.1	110	0.00
75 P	1,1,2,2-Tetrachloroethane	1.562	1.601	-2.5	116	0.00
76 T	1,2,3-Trichloropropane	1.368	1.431	-4.6	122	0.00
77 T	Bromobenzene	0.888	0.947	-6.6	117	0.00
78 T	n-propylbenzene	4.636	4.848	-4.6	116	0.00
79 T	2-Chlorotoluene	2.779	2.831	-1.9	117	0.00
80 T	1,3,5-Trimethylbenzene	3.209	3.352	-4.5	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.507	0.449	11.4	84	0.00
82 T	4-Chlorotoluene	3.155	3.223	-2.2	116	0.00
83 T	tert-Butylbenzene	3.208	3.262	-1.7	116	0.00
84 T	1,2,4-Trimethylbenzene	3.231	3.431	-6.2	117	0.00
85 T	sec-Butylbenzene	3.901	4.094	-4.9	115	0.00
86 T	p-Isopropyltoluene	3.261	3.433	-5.3	116	0.00
87 T	1,3-Dichlorobenzene	1.641	1.710	-4.2	117	0.00
88 T	1,4-Dichlorobenzene	1.682	1.712	-1.8	116	0.00
89 T	n-Butylbenzene	3.099	3.277	-5.7	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.581	0.595	-2.4	113	0.00
91 T	1,2-Dichlorobenzene	1.650	1.732	-5.0	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.329	0.351	-6.7	115	0.00
93 T	1,2,4-Trichlorobenzene	1.041	1.134	-8.9	112	0.00
94 T	Hexachlorobutadiene	0.524	0.529	-1.0	112	0.00
95 T	Naphthalene	3.725	4.131	-10.9	111	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.162	-5.0	109	0.00

(#) = Out of Range

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