

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062818\
 Data File : VU025036.D
 Acq On : 28 Jun 2018 21:57
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 07:42:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 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	94	0.00
2 T	Dichlorodifluoromethane	0.626	0.530	15.3	82	0.00
3 P	Chloromethane	0.639	0.579	9.4	92	0.00
4 C	Vinyl Chloride	0.659	0.625	5.2#	92	0.00
5 T	Bromomethane	0.319	0.387	-21.3#	113	0.00
6 T	Chloroethane	0.431	0.400	7.2	99	0.00
7 T	Trichlorofluoromethane	1.006	1.026	-2.0	100	0.00
8 T	Diethyl Ether	0.390	0.377	3.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.610	2.2	95	0.00
10 T	Methyl Iodide	0.451	0.703	-55.9#	128	0.00
11 T	Tert butyl alcohol	0.199	0.197	1.0	100	0.00
12 CM	1,1-Dichloroethene	0.569	0.564	0.9#	94	0.00
13 T	Acrolein	0.104	0.044	57.7#	42#	0.00
14 T	Allyl chloride	1.057	0.992	6.1	92	0.00
15 T	Acrylonitrile	0.386	0.402	-4.1	96	0.00
16 T	Acetone	0.439	0.380	13.4	86	0.00
17 T	Carbon Disulfide	1.823	1.605	12.0	85	0.00
18 T	Methyl Acetate	0.940	1.189	-26.5#	121	0.00
19 T	Methyl tert-butyl Ether	2.140	2.304	-7.7	103	0.00
20 T	Methylene Chloride	0.688	0.691	-0.4	101	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.631	-0.6	97	0.00
22 T	Diisopropyl ether	2.096	2.193	-4.6	100	0.00
23 T	Vinyl Acetate	1.877	1.841	1.9	92	0.00
24 P	1,1-Dichloroethane	1.205	1.252	-3.9	98	0.00
25 T	2-Butanone	0.589	0.589	0.0	92	0.00
26 T	2,2-Dichloropropane	1.145	1.021	10.8	86	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.760	-5.4	102	0.00
28 T	Bromochloromethane	0.531	0.475	10.5	79	0.00
29 T	Tetrahydrofuran	0.365	0.370	-1.4	97	0.00
30 C	Chloroform	1.220	1.317	-8.0#	103	0.00
31 T	Cyclohexane	1.323	1.106	16.4	94	0.00
32 T	1,1,1-Trichloroethane	1.128	1.219	-8.1	105	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.789	3.3	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.415	0.414	0.2	91	0.00
36 T	1,1-Dichloropropene	0.588	0.602	-2.4	97	0.00
37 T	Ethyl Acetate	0.640	0.702	-9.7	95	0.00
38 T	Carbon Tetrachloride	0.646	0.691	-7.0	100	0.00
39 T	Methylcyclohexane	0.733	0.746	-1.8	97	0.00
40 TM	Benzene	1.674	1.779	-6.3	98	0.00
41 T	Methacrylonitrile	0.345	0.394	-14.2	98	0.00
42 TM	1,2-Dichloroethane	0.638	0.734	-15.0	107	0.00
43 T	Isopropyl Acetate	1.107	1.134	-2.4	96	0.00
44 TM	Trichloroethene	0.476	0.491	-3.2	98	0.00
45 C	1,2-Dichloropropane	0.447	0.475	-6.3#	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.314	0.340	-8.3	98	0.00
47 T	Bromodichloromethane	0.625	0.654	-4.6	98	0.00
48 T	Methyl methacrylate	0.539	0.586	-8.7	100	0.00
49 T	1,4-Dioxane	0.011	0.013	-18.2	120	0.00
50 S	Toluene-d8	1.514	1.366	9.8	82	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.733	-5.5	98	0.00
52 CM	Toluene	1.077	1.145	-6.3#	99	0.00
53 T	t-1,3-Dichloropropene	0.702	0.711	-1.3	92	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.744	0.5	92	0.00
55 T	1,1,2-Trichloroethane	0.438	0.471	-7.5	104	0.00
56 T	Ethyl methacrylate	0.733	0.746	-1.8	96	0.00
57 T	1,3-Dichloropropane	0.739	0.802	-8.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.044	84.3#	14#	0.00
59 T	2-Hexanone	0.568	0.591	-4.0	98	0.00
60 T	Dibromochloromethane	0.546	0.550	-0.7	96	0.00
61 T	1,2-Dibromoethane	0.487	0.525	-7.8	102	0.00
62 S	4-Bromofluorobenzene	0.601	0.583	3.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.475	0.504	-6.1	97	0.00
65 PM	Chlorobenzene	1.277	1.399	-9.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.530	-9.3	103	0.00
67 C	Ethyl Benzene	2.239	2.423	-8.2#	101	0.00
68 T	m/p-Xylenes	0.860	0.945	-9.9	102	0.00
69 T	o-Xylene	0.851	0.949	-11.5	105	0.00
70 T	Styrene	1.398	1.515	-8.4	100	0.00
71 P	Bromoform	0.461	0.464	-0.7	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.839	4.117	-7.2	104	0.00
74 T	N-amyl acetate	1.826	1.767	3.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.382	-7.5	108	0.00
76 T	1,2,3-Trichloropropane	1.101	1.171	-6.4	103	0.00
77 T	Bromobenzene	0.972	1.069	-10.0	107	0.00
78 T	n-propylbenzene	4.522	4.640	-2.6	99	0.00
79 T	2-Chlorotoluene	2.667	2.826	-6.0	104	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.564	-7.1	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.444	6.7	91	0.00
82 T	4-Chlorotoluene	3.104	3.279	-5.6	102	0.00
83 T	tert-Butylbenzene	3.201	3.527	-10.2	108	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.636	-7.2	104	0.00
85 T	sec-Butylbenzene	4.006	4.226	-5.5	103	0.00
86 T	p-Isopropyltoluene	3.588	3.756	-4.7	102	0.00
87 T	1,3-Dichlorobenzene	1.795	1.938	-8.0	105	0.00
88 T	1,4-Dichlorobenzene	1.807	1.932	-6.9	104	0.00
89 T	n-Butylbenzene	3.186	3.057	4.0	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.664	5.1	95	0.00
91 T	1,2-Dichlorobenzene	1.798	2.007	-11.6	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.372	-4.8	98	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.274	-14.7	100	0.00
94 T	Hexachlorobutadiene	0.625	0.669	-7.0	103	0.00
95 T	Naphthalene	3.293	4.189	-27.2#	106	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.317	-19.0	102	0.00

(#) = Out of Range

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