

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU073018\
 Data File : VU025713.D
 Acq On : 30 Jul 2018 10:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 30 18:29:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 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	110	0.00
2 T	Dichlorodifluoromethane	0.756	0.777	-2.8	101	0.00
3 P	Chloromethane	0.722	0.649	10.1	96	0.00
4 C	Vinyl Chloride	0.680	0.635	6.6#	100	0.00
5 T	Bromomethane	0.332	0.335	-0.9	105	0.00
6 T	Chloroethane	0.397	0.371	6.5	102	0.00
7 T	Trichlorofluoromethane	0.983	0.945	3.9	101	0.00
8 T	Diethyl Ether	0.356	0.331	7.0	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.536	5.8	100	0.00
10 T	Methyl Iodide	0.440	0.462	-5.0	109	0.00
11 T	Tert butyl alcohol	0.171	0.133	22.2#	86	0.00
12 CM	1,1-Dichloroethene	0.537	0.488	9.1#	99	0.00
13 T	Acrolein	0.068	0.048	29.4#	87	0.00
14 T	Allyl chloride	0.965	0.870	9.8	104	0.00
15 T	Acrylonitrile	0.341	0.292	14.4	90	0.00
16 T	Acetone	0.380	0.347	8.7	98	0.00
17 T	Carbon Disulfide	1.737	1.618	6.9	102	0.00
18 T	Methyl Acetate	0.914	0.871	4.7	96	0.00
19 T	Methyl tert-butyl Ether	1.945	1.862	4.3	102	0.00
20 T	Methylene Chloride	0.673	0.598	11.1	99	0.00
21 T	trans-1,2-Dichloroethene	0.621	0.589	5.2	104	0.00
22 T	Diisopropyl ether	1.901	1.816	4.5	102	0.00
23 T	Vinyl Acetate	1.657	1.541	7.0	99	0.00
24 P	1,1-Dichloroethane	1.141	1.076	5.7	101	0.00
25 T	2-Butanone	0.517	0.456	11.8	94	0.00
26 T	2,2-Dichloropropane	1.037	1.032	0.5	108	0.00
27 T	cis-1,2-Dichloroethene	0.700	0.651	7.0	101	0.00
28 T	Bromochloromethane	0.510	0.501	1.8	102	0.00
29 T	Tetrahydrofuran	0.310	0.265	14.5	90	0.00
30 C	Chloroform	1.205	1.123	6.8#	101	0.00
31 T	Cyclohexane	1.194	0.952	20.3#	102	0.00
32 T	1,1,1-Trichloroethane	1.085	1.043	3.9	102	0.00
33 S	1,2-Dichloroethane-d4	0.779	0.736	5.5	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.435	0.423	2.8	104	0.00
36 T	1,1-Dichloropropene	0.584	0.591	-1.2	105	0.00
37 T	Ethyl Acetate	0.606	0.543	10.4	91	0.00
38 T	Carbon Tetrachloride	0.662	0.650	1.8	103	0.00
39 T	Methylcyclohexane	0.670	0.684	-2.1	106	0.00
40 TM	Benzene	1.708	1.636	4.2	102	0.00
41 T	Methacrylonitrile	0.337	0.307	8.9	94	0.00
42 TM	1,2-Dichloroethane	0.658	0.620	5.8	102	0.00
43 T	Isopropyl Acetate	1.001	0.913	8.8	95	0.00
44 TM	Trichloroethene	0.476	0.461	3.2	104	0.00
45 C	1,2-Dichloropropane	0.445	0.430	3.4#	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.323	0.296	8.4	99	0.00
47 T	Bromodichloromethane	0.616	0.610	1.0	104	0.00
48 T	Methyl methacrylate	0.491	0.468	4.7	97	0.00
49 T	1,4-Dioxane	0.012	0.010	16.7	88	0.00
50 S	Toluene-d8	1.522	1.525	-0.2	104	0.00
51 T	4-Methyl-2-Pentanone	0.627	0.563	10.2	92	0.00
52 CM	Toluene	1.061	1.052	0.8#	103	0.00
53 T	t-1,3-Dichloropropene	0.691	0.702	-1.6	105	0.00
54 T	cis-1,3-Dichloropropene	0.710	0.720	-1.4	104	0.00
55 T	1,1,2-Trichloroethane	0.441	0.424	3.9	101	0.00
56 T	Ethyl methacrylate	0.630	0.610	3.2	99	0.00
57 T	1,3-Dichloropropane	0.742	0.718	3.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.260	0.248	4.6	95	0.00
59 T	2-Hexanone	0.491	0.448	8.8	93	0.00
60 T	Dibromochloromethane	0.520	0.516	0.8	105	0.00
61 T	1,2-Dibromoethane	0.490	0.466	4.9	99	0.00
62 S	4-Bromofluorobenzene	0.591	0.591	0.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.440	0.439	0.2	104	0.00
65 PM	Chlorobenzene	1.289	1.269	1.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.466	0.470	-0.9	102	0.00
67 C	Ethyl Benzene	2.135	2.164	-1.4#	105	0.00
68 T	m/p-Xylenes	0.820	0.853	-4.0	104	0.00
69 T	o-Xylene	0.801	0.813	-1.5	103	0.00
70 T	Styrene	1.294	1.342	-3.7	102	0.00
71 P	Bromoform	0.404	0.418	-3.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.413	3.434	-0.6	105	0.00
74 T	N-amyl acetate	1.393	1.334	4.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.180	1.058	10.3	96	0.00
76 T	1,2,3-Trichloropropane	1.102	0.906	17.8	88	0.00
77 T	Bromobenzene	0.941	0.920	2.2	105	0.00
78 T	n-propylbenzene	3.983	4.062	-2.0	105	0.00
79 T	2-Chlorotoluene	2.333	2.345	-0.5	105	0.00
80 T	1,3,5-Trimethylbenzene	2.898	2.974	-2.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.439	1.285	-192.7#	351#	0.00
82 T	4-Chlorotoluene	2.750	2.824	-2.7	105	0.00
83 T	tert-Butylbenzene	2.880	2.929	-1.7	107	0.00
84 T	1,2,4-Trimethylbenzene	2.937	3.048	-3.8	105	0.00
85 T	sec-Butylbenzene	3.516	3.622	-3.0	106	0.00
86 T	p-Isopropyltoluene	3.148	3.281	-4.2	106	0.00
87 T	1,3-Dichlorobenzene	1.747	1.732	0.9	105	0.00
88 T	1,4-Dichlorobenzene	1.821	1.760	3.3	105	0.00
89 T	n-Butylbenzene	2.905	3.059	-5.3	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.560	0.566	-1.1	108	0.00
91 T	1,2-Dichlorobenzene	1.713	1.694	1.1	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.280	0.253	9.6	94	0.00
93 T	1,2,4-Trichlorobenzene	1.156	1.237	-7.0	108	0.00
94 T	Hexachlorobutadiene	0.609	0.631	-3.6	112	0.00
95 T	Naphthalene	3.272	3.388	-3.5	98	0.00
96 T	1,2,3-Trichlorobenzene	1.153	1.196	-3.7	103	0.00

(#) = Out of Range

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