

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025332.D
 Acq On : 12 Jul 2018 11:36
 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 13 01:20:34 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 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	98	0.00
2 T	Dichlorodifluoromethane	0.517	0.448	13.3	99	0.00
3 P	Chloromethane	0.586	0.445	24.1#	96	0.00
4 C	Vinyl Chloride	0.569	0.505	11.2#	102	0.00
5 T	Bromomethane	0.415	0.302	27.2#	99	0.00
6 T	Chloroethane	0.396	0.333	15.9	102	0.00
7 T	Trichlorofluoromethane	0.894	0.837	6.4	106	0.00
8 T	Diethyl Ether	0.335	0.321	4.2	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.554	0.503	9.2	104	0.00
10 T	Methyl Iodide	0.541	0.487	10.0	95	0.00
11 T	Tert butyl alcohol	0.169	0.154	8.9	104	0.00
12 CM	1,1-Dichloroethene	0.507	0.452	10.8#	105	0.00
13 T	Acrolein	0.112	0.055	50.9#	44#	0.00
14 T	Allyl chloride	0.919	0.923	-0.4	123	0.00
15 T	Acrylonitrile	0.348	0.329	5.5	109	0.00
16 T	Acetone	0.419	0.365	12.9	111	0.00
17 T	Carbon Disulfide	1.570	1.186	24.5#	93	0.00
18 T	Methyl Acetate	0.795	0.837	-5.3	121	0.00
19 T	Methyl tert-butyl Ether	1.928	1.942	-0.7	115	0.00
20 T	Methylene Chloride	0.689	0.577	16.3	110	0.00
21 T	trans-1,2-Dichloroethene	0.579	0.525	9.3	106	0.00
22 T	Diisopropyl ether	1.877	1.889	-0.6	115	0.00
23 T	Vinyl Acetate	1.647	1.614	2.0	110	0.00
24 P	1,1-Dichloroethane	1.059	1.057	0.2	111	0.00
25 T	2-Butanone	0.538	0.504	6.3	110	0.00
26 T	2,2-Dichloropropane	1.018	0.999	1.9	118	0.00
27 T	cis-1,2-Dichloroethene	0.670	0.633	5.5	110	0.00
28 T	Bromochloromethane	0.511	0.482	5.7	92	0.00
29 T	Tetrahydrofuran	0.323	0.297	8.0	106	0.00
30 C	Chloroform	1.121	1.121	0.0	111	0.00
31 T	Cyclohexane	1.176	0.901	23.4#	105	0.00
32 T	1,1,1-Trichloroethane	1.016	1.015	0.1	111	0.00
33 S	1,2-Dichloroethane-d4	0.777	0.699	10.0	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.422	0.393	6.9	93	0.00
36 T	1,1-Dichloropropene	0.556	0.522	6.1	106	0.00
37 T	Ethyl Acetate	0.620	0.597	3.7	107	0.00
38 T	Carbon Tetrachloride	0.598	0.613	-2.5	111	0.00
39 T	Methylcyclohexane	0.693	0.654	5.6	106	0.00
40 TM	Benzene	1.602	1.560	2.6	111	0.00
41 T	Methacrylonitrile	0.344	0.339	1.5	110	0.00
42 TM	1,2-Dichloroethane	0.637	0.645	-1.3	112	0.00
43 T	Isopropyl Acetate	0.993	0.981	1.2	111	0.00
44 TM	Trichloroethene	0.460	0.435	5.4	109	0.00
45 C	1,2-Dichloropropane	0.420	0.420	0.0	111	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.305	0.303	0.7	111	0.00
47 T	Bromodichloromethane	0.567	0.588	-3.7	112	0.00
48 T	Methyl methacrylate	0.495	0.499	-0.8	111	0.00
49 T	1,4-Dioxane	0.012	0.012	0.0	113	0.00
50 S	Toluene-d8	1.444	1.294	10.4	90	0.00
51 T	4-Methyl-2-Pentanone	0.645	0.627	2.8	111	0.00
52 CM	Toluene	1.019	1.009	1.0#	110	0.00
53 T	t-1,3-Dichloropropene	0.623	0.638	-2.4	112	0.00
54 T	cis-1,3-Dichloropropene	0.663	0.664	-0.2	112	0.00
55 T	1,1,2-Trichloroethane	0.424	0.428	-0.9	114	0.00
56 T	Ethyl methacrylate	0.663	0.661	0.3	112	0.00
57 T	1,3-Dichloropropane	0.705	0.713	-1.1	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.234	0.218	6.8	80	0.00
59 T	2-Hexanone	0.523	0.496	5.2	110	0.00
60 T	Dibromochloromethane	0.458	0.487	-6.3	114	0.00
61 T	1,2-Dibromoethane	0.454	0.459	-1.1	112	0.00
62 S	4-Bromofluorobenzene	0.582	0.534	8.2	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.456	0.444	2.6	106	0.00
65 PM	Chlorobenzene	1.249	1.241	0.6	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.447	0.475	-6.3	114	0.00
67 C	Ethyl Benzene	2.129	2.141	-0.6#	112	0.00
68 T	m/p-Xylenes	0.823	0.834	-1.3	110	0.00
69 T	o-Xylene	0.824	0.819	0.6	109	0.00
70 T	Styrene	1.309	1.349	-3.1	112	0.00
71 P	Bromoform	0.386	0.391	-1.3	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.820	3.674	3.8	112	0.00
74 T	N-amyl acetate	1.658	1.519	8.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	1.250	1.194	4.5	112	0.00
76 T	1,2,3-Trichloropropane	1.139	1.032	9.4	113	0.00
77 T	Bromobenzene	0.977	0.931	4.7	110	0.00
78 T	n-propylbenzene	4.239	4.173	1.6	111	0.00
79 T	2-Chlorotoluene	2.653	2.500	5.8	112	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.170	1.4	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.398	0.384	3.5	111	0.00
82 T	4-Chlorotoluene	3.002	2.865	4.6	111	0.00
83 T	tert-Butylbenzene	3.248	3.172	2.3	114	0.00
84 T	1,2,4-Trimethylbenzene	3.295	3.231	1.9	112	0.00
85 T	sec-Butylbenzene	3.825	3.832	-0.2	114	0.00
86 T	p-Isopropyltoluene	3.387	3.406	-0.6	113	0.00
87 T	1,3-Dichlorobenzene	1.786	1.728	3.2	114	0.00
88 T	1,4-Dichlorobenzene	1.835	1.727	5.9	112	0.00
89 T	n-Butylbenzene	2.784	2.820	-1.3	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.573	0.564	1.6	109	0.00
91 T	1,2-Dichlorobenzene	1.804	1.781	1.3	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.306	-1.0	115	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.164	1.5	120	0.00
94 T	Hexachlorobutadiene	0.645	0.635	1.6	121	0.00
95 T	Naphthalene	4.066	3.626	10.8	118	0.00
96 T	1,2,3-Trichlorobenzene	1.275	1.220	4.3	121	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 4