

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
 Data File : VU025330.D
 Acq On : 11 Jul 2018 21:33
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 12 05:07:06 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	102	0.00
2 T	Dichlorodifluoromethane	0.517	0.471	8.9	107	0.00
3 P	Chloromethane	0.586	0.472	19.5	105	0.00
4 C	Vinyl Chloride	0.569	0.542	4.7#	113	0.00
5 T	Bromomethane	0.415	0.334	19.5	113	0.00
6 T	Chloroethane	0.396	0.356	10.1	112	0.00
7 T	Trichlorofluoromethane	0.894	0.852	4.7	112	0.00
8 T	Diethyl Ether	0.335	0.331	1.2	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.554	0.539	2.7	116	0.00
10 T	Methyl Iodide	0.541	0.572	-5.7	115	0.00
11 T	Tert butyl alcohol	0.169	0.176	-4.1	123	0.00
12 CM	1,1-Dichloroethene	0.507	0.483	4.7#	116	0.00
13 T	Acrolein	0.112	0.062	44.6#	51	0.00
14 T	Allyl chloride	0.919	0.832	9.5	114	0.00
15 T	Acrylonitrile	0.348	0.362	-4.0	124	0.00
16 T	Acetone	0.419	0.342	18.4	108	0.00
17 T	Carbon Disulfide	1.570	1.232	21.5#	100	0.00
18 T	Methyl Acetate	0.795	0.898	-13.0	135	0.00
19 T	Methyl tert-butyl Ether	1.928	1.997	-3.6	122	0.00
20 T	Methylene Chloride	0.689	0.610	11.5	120	0.00
21 T	trans-1,2-Dichloroethene	0.579	0.545	5.9	114	0.00
22 T	Diisopropyl ether	1.877	1.907	-1.6	120	0.00
23 T	Vinyl Acetate	1.647	1.688	-2.5	119	0.00
24 P	1,1-Dichloroethane	1.059	1.084	-2.4	118	0.00
25 T	2-Butanone	0.538	0.535	0.6	120	0.00
26 T	2,2-Dichloropropane	1.018	0.820	19.4	100	0.00
27 T	cis-1,2-Dichloroethene	0.670	0.666	0.6	120	0.00
28 T	Bromochloromethane	0.511	0.483	5.5	96	0.00
29 T	Tetrahydrofuran	0.323	0.338	-4.6	125	0.00
30 C	Chloroform	1.121	1.146	-2.2#	117	0.00
31 T	Cyclohexane	1.176	0.909	22.7#	110	0.00
32 T	1,1,1-Trichloroethane	1.016	1.047	-3.1	118	0.00
33 S	1,2-Dichloroethane-d4	0.777	0.712	8.4	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.422	0.384	9.0	97	0.00
36 T	1,1-Dichloropropene	0.556	0.527	5.2	114	0.00
37 T	Ethyl Acetate	0.620	0.644	-3.9	123	0.00
38 T	Carbon Tetrachloride	0.598	0.603	-0.8	116	0.00
39 T	Methylcyclohexane	0.693	0.625	9.8	108	0.00
40 TM	Benzene	1.602	1.562	2.5	119	0.00
41 T	Methacrylonitrile	0.344	0.358	-4.1	125	0.00
42 TM	1,2-Dichloroethane	0.637	0.628	1.4	117	0.00
43 T	Isopropyl Acetate	0.993	1.009	-1.6	122	0.00
44 TM	Trichloroethene	0.460	0.432	6.1	116	0.00
45 C	1,2-Dichloropropane	0.420	0.415	1.2#	118	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	0.304	0.3	119	0.00
47 T	Bromodichloromethane	0.567	0.582	-2.6	118	0.00
48 T	Methyl methacrylate	0.495	0.519	-4.8	124	0.00
49 T	1,4-Dioxane	0.012	0.012	0.0	118	0.00
50 S	Toluene-d8	1.444	1.264	12.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.645	0.672	-4.2	127	0.00
52 CM	Toluene	1.019	1.004	1.5#	118	0.00
53 T	t-1,3-Dichloropropene	0.623	0.605	2.9	114	0.00
54 T	cis-1,3-Dichloropropene	0.663	0.644	2.9	116	0.00
55 T	1,1,2-Trichloroethane	0.424	0.424	0.0	121	0.00
56 T	Ethyl methacrylate	0.663	0.672	-1.4	121	0.00
57 T	1,3-Dichloropropane	0.705	0.715	-1.4	121	0.00
58 T	2-Chloroethyl Vinyl ether	0.234	0.248	-6.0	97	0.00
59 T	2-Hexanone	0.523	0.525	-0.4	124	0.00
60 T	Dibromochloromethane	0.458	0.472	-3.1	118	0.00
61 T	1,2-Dibromoethane	0.454	0.460	-1.3	119	0.00
62 S	4-Bromofluorobenzene	0.582	0.521	10.5	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.456	0.440	3.5	113	0.00
65 PM	Chlorobenzene	1.249	1.241	0.6	121	0.00
66 T	1,1,1,2-Tetrachloroethane	0.447	0.460	-2.9	119	0.00
67 C	Ethyl Benzene	2.129	2.094	1.6#	118	0.00
68 T	m/p-Xylenes	0.823	0.822	0.1	116	0.00
69 T	o-Xylene	0.824	0.818	0.7	117	0.00
70 T	Styrene	1.309	1.342	-2.5	120	0.00
71 P	Bromoform	0.386	0.397	-2.8	120	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.820	3.673	3.8	118	0.00
74 T	N-amyl acetate	1.658	1.600	3.5	124	0.00
75 P	1,1,2,2-Tetrachloroethane	1.250	1.251	-0.1	124	0.00
76 T	1,2,3-Trichloropropane	1.139	1.133	0.5	131	0.00
77 T	Bromobenzene	0.977	0.952	2.6	119	0.00
78 T	n-propylbenzene	4.239	4.095	3.4	115	0.00
79 T	2-Chlorotoluene	2.653	2.507	5.5	118	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.126	2.8	117	0.00
81 T	trans-1,4-Dichloro-2-butene	0.398	0.373	6.3	114	0.00
82 T	4-Chlorotoluene	3.002	2.873	4.3	118	0.00
83 T	tert-Butylbenzene	3.248	3.159	2.7	120	0.00
84 T	1,2,4-Trimethylbenzene	3.295	3.182	3.4	116	0.00
85 T	sec-Butylbenzene	3.825	3.751	1.9	118	0.00
86 T	p-Isopropyltoluene	3.387	3.338	1.4	117	0.00
87 T	1,3-Dichlorobenzene	1.786	1.707	4.4	119	0.00
88 T	1,4-Dichlorobenzene	1.835	1.691	7.8	116	0.00
89 T	n-Butylbenzene	2.784	2.713	2.6	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.573	0.568	0.9	116	0.00
91 T	1,2-Dichlorobenzene	1.804	1.778	1.4	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.317	-4.6	126	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.134	4.1	123	0.00
94 T	Hexachlorobutadiene	0.645	0.591	8.4	119	0.00
95 T	Naphthalene	4.066	3.782	7.0	130	0.00
96 T	1,2,3-Trichlorobenzene	1.275	1.170	8.2	122	0.00

(#) = Out of Range

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