

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU070218\
 Data File : VU025133.D
 Acq On : 02 Jul 2018 10:26
 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 03 04:20:17 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	77	0.00
2 T	Dichlorodifluoromethane	0.626	0.477	23.8#	60	0.00
3 P	Chloromethane	0.639	0.491	23.2#	64	0.00
4 C	Vinyl Chloride	0.659	0.531	19.4#	64	0.00
5 T	Bromomethane	0.319	0.242	24.1#	58	0.00
6 T	Chloroethane	0.431	0.350	18.8	71	0.00
7 T	Trichlorofluoromethane	1.006	0.919	8.6	74	0.00
8 T	Diethyl Ether	0.390	0.336	13.8	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.543	13.0	69	0.00
10 T	Methyl Iodide	0.451	0.325	27.9#	48#	0.00
11 T	Tert butyl alcohol	0.199	0.156	21.6#	65	0.00
12 CM	1,1-Dichloroethene	0.569	0.481	15.5#	65	0.00
13 T	Acrolein	0.104	0.041	60.6#	31#	0.00
14 T	Allyl chloride	1.057	0.877	17.0	67	0.00
15 T	Acrylonitrile	0.386	0.329	14.8	64	0.00
16 T	Acetone	0.439	0.419	4.6	78	0.00
17 T	Carbon Disulfide	1.823	1.443	20.8#	62	0.00
18 T	Methyl Acetate	0.940	0.967	-2.9	80	0.00
19 T	Methyl tert-butyl Ether	2.140	1.975	7.7	72	0.00
20 T	Methylene Chloride	0.688	0.605	12.1	72	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.572	8.8	72	0.00
22 T	Diisopropyl ether	2.096	1.918	8.5	72	0.00
23 T	Vinyl Acetate	1.877	1.604	14.5	66	0.00
24 P	1,1-Dichloroethane	1.205	1.089	9.6	70	0.00
25 T	2-Butanone	0.589	0.518	12.1	66	0.00
26 T	2,2-Dichloropropane	1.145	1.062	7.2	74	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.661	8.3	72	0.00
28 T	Bromochloromethane	0.531	0.479	9.8	66	0.00
29 T	Tetrahydrofuran	0.365	0.306	16.2	66	0.00
30 C	Chloroform	1.220	1.157	5.2#	74	0.00
31 T	Cyclohexane	1.323	0.997	24.6#	69	0.00
32 T	1,1,1-Trichloroethane	1.128	1.065	5.6	75	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.767	6.0	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.415	0.425	-2.4	74	0.00
36 T	1,1-Dichloropropene	0.588	0.557	5.3	71	0.00
37 T	Ethyl Acetate	0.640	0.601	6.1	64	0.00
38 T	Carbon Tetrachloride	0.646	0.638	1.2	73	0.00
39 T	Methylcyclohexane	0.733	0.711	3.0	73	0.00
40 TM	Benzene	1.674	1.602	4.3	70	0.00
41 T	Methacrylonitrile	0.345	0.333	3.5	66	0.00
42 TM	1,2-Dichloroethane	0.638	0.666	-4.4	77	0.00
43 T	Isopropyl Acetate	1.107	0.983	11.2	66	0.00
44 TM	Trichloroethene	0.476	0.450	5.5	71	0.00
45 C	1,2-Dichloropropane	0.447	0.425	4.9#	70	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.314	0.310	1.3	71	0.00
47 T	Bromodichloromethane	0.625	0.607	2.9	72	0.00
48 T	Methyl methacrylate	0.539	0.507	5.9	68	0.00
49 T	1,4-Dioxane	0.011	0.012	-9.1	87	0.00
50 S	Toluene-d8	1.514	1.368	9.6	65	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.625	10.1	66	0.00
52 CM	Toluene	1.077	1.055	2.0#	72	0.00
53 T	t-1,3-Dichloropropene	0.702	0.653	7.0	67	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.686	8.3	67	0.00
55 T	1,1,2-Trichloroethane	0.438	0.422	3.7	74	0.00
56 T	Ethyl methacrylate	0.733	0.671	8.5	68	0.00
57 T	1,3-Dichloropropane	0.739	0.718	2.8	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.234	16.7	59	0.00
59 T	2-Hexanone	0.568	0.509	10.4	67	0.00
60 T	Dibromochloromethane	0.546	0.503	7.9	70	0.00
61 T	1,2-Dibromoethane	0.487	0.463	4.9	71	0.00
62 S	4-Bromofluorobenzene	0.601	0.597	0.7	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.475	0.471	0.8	72	0.00
65 PM	Chlorobenzene	1.277	1.278	-0.1	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.475	2.1	73	0.00
67 C	Ethyl Benzene	2.239	2.228	0.5#	73	0.00
68 T	m/p-Xylenes	0.860	0.868	-0.9	74	0.00
69 T	o-Xylene	0.851	0.846	0.6	74	0.00
70 T	Styrene	1.398	1.374	1.7	72	0.00
71 P	Bromoform	0.461	0.416	9.8	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.839	3.743	2.5	76	0.00
74 T	N-amyl acetate	1.826	1.494	18.2	63	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.191	7.4	74	0.00
76 T	1,2,3-Trichloropropane	1.101	1.086	1.4	76	0.00
77 T	Bromobenzene	0.972	0.949	2.4	76	0.00
78 T	n-propylbenzene	4.522	4.344	3.9	74	0.00
79 T	2-Chlorotoluene	2.667	2.548	4.5	75	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.266	1.8	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.372	21.8#	61	0.00
82 T	4-Chlorotoluene	3.104	2.975	4.2	74	0.00
83 T	tert-Butylbenzene	3.201	3.233	-1.0	79	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.322	2.0	76	0.00
85 T	sec-Butylbenzene	4.006	3.907	2.5	76	0.00
86 T	p-Isopropyltoluene	3.588	3.472	3.2	75	0.00
87 T	1,3-Dichlorobenzene	1.795	1.762	1.8	76	0.00
88 T	1,4-Dichlorobenzene	1.807	1.767	2.2	76	0.00
89 T	n-Butylbenzene	3.186	2.957	7.2	70	0.00

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90 T	Hexachloroethane	0.700	0.585	16.4	67	0.00
91 T	1,2-Dichlorobenzene	1.798	1.799	-0.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.316	11.0	67	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.199	-7.9	75	0.00
94 T	Hexachlorobutadiene	0.625	0.655	-4.8	80	0.00
95 T	Naphthalene	3.293	3.567	-8.3	72	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.219	-10.1	75	0.00

(#) = Out of Range

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