

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 15:27:42 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	92	0.00
2 T	Dichlorodifluoromethane	0.626	0.492	21.4#	74	0.00
3 P	Chloromethane	0.639	0.534	16.4	83	0.00
4 C	Vinyl Chloride	0.659	0.576	12.6#	83	0.00
5 T	Bromomethane	0.319	0.369	-15.7	105	0.00
6 T	Chloroethane	0.431	0.361	16.2	88	0.00
7 T	Trichlorofluoromethane	1.006	0.952	5.4	91	0.00
8 T	Diethyl Ether	0.390	0.345	11.5	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.552	11.5	84	0.00
10 T	Methyl Iodide	0.451	0.509	-12.9	91	0.00
11 T	Tert butyl alcohol	0.199	0.145	27.1#	72	0.00
12 CM	1,1-Dichloroethene	0.569	0.515	9.5#	84	0.00
13 T	Acrolein	0.104	0.144	-38.5#	132	0.00
14 T	Allyl chloride	1.057	0.966	8.6	88	0.00
15 T	Acrylonitrile	0.386	0.334	13.5	78	0.00
16 T	Acetone	0.439	0.412	6.2	92	0.00
17 T	Carbon Disulfide	1.823	1.511	17.1	78	0.00
18 T	Methyl Acetate	0.940	0.848	9.8	84	0.00
19 T	Methyl tert-butyl Ether	2.140	1.919	10.3	84	0.00
20 T	Methylene Chloride	0.688	0.587	14.7	84	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.568	9.4	86	0.00
22 T	Diisopropyl ether	2.096	1.936	7.6	87	0.00
23 T	Vinyl Acetate	1.877	1.680	10.5	82	0.00
24 P	1,1-Dichloroethane	1.205	1.074	10.9	83	0.00
25 T	2-Butanone	0.589	0.535	9.2	82	0.00
26 T	2,2-Dichloropropane	1.145	1.033	9.8	86	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.665	7.8	87	0.00
28 T	Bromochloromethane	0.531	0.474	10.7	78	0.00
29 T	Tetrahydrofuran	0.365	0.313	14.2	81	0.00
30 C	Chloroform	1.220	1.146	6.1#	88	0.00
31 T	Cyclohexane	1.323	1.033	21.9#	86	0.00
32 T	1,1,1-Trichloroethane	1.128	1.046	7.3	89	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.711	12.9	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.415	0.388	6.5	80	0.00
36 T	1,1-Dichloropropene	0.588	0.566	3.7	86	0.00
37 T	Ethyl Acetate	0.640	0.627	2.0	80	0.00
38 T	Carbon Tetrachloride	0.646	0.636	1.5	86	0.00
39 T	Methylcyclohexane	0.733	0.743	-1.4	91	0.00
40 TM	Benzene	1.674	1.665	0.5	87	0.00
41 T	Methacrylonitrile	0.345	0.349	-1.2	82	0.00
42 TM	1,2-Dichloroethane	0.638	0.652	-2.2	90	0.00
43 T	Isopropyl Acetate	1.107	1.021	7.8	81	0.00
44 TM	Trichloroethene	0.476	0.461	3.2	87	0.00
45 C	1,2-Dichloropropane	0.447	0.445	0.4#	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.314	0.321	-2.2	87	0.00
47 T	Bromodichloromethane	0.625	0.606	3.0	85	0.00
48 T	Methyl methacrylate	0.539	0.516	4.3	83	0.00
49 T	1,4-Dioxane	0.011	0.011	0.0	101	0.00
50 S	Toluene-d8	1.514	1.406	7.1	79	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.649	6.6	82	0.00
52 CM	Toluene	1.077	1.079	-0.2#	88	0.00
53 T	t-1,3-Dichloropropene	0.702	0.688	2.0	84	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.723	3.3	84	0.00
55 T	1,1,2-Trichloroethane	0.438	0.441	-0.7	92	0.00
56 T	Ethyl methacrylate	0.733	0.694	5.3	84	0.00
57 T	1,3-Dichloropropane	0.739	0.747	-1.1	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.287	-2.1	87	0.00
59 T	2-Hexanone	0.568	0.536	5.6	84	0.00
60 T	Dibromochloromethane	0.546	0.514	5.9	84	0.00
61 T	1,2-Dibromoethane	0.487	0.483	0.8	88	0.00
62 S	4-Bromofluorobenzene	0.601	0.565	6.0	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.475	0.448	5.7	82	0.00
65 PM	Chlorobenzene	1.277	1.298	-1.6	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.480	1.0	89	0.00
67 C	Ethyl Benzene	2.239	2.235	0.2#	89	0.00
68 T	m/p-Xylenes	0.860	0.890	-3.5	92	0.00
69 T	o-Xylene	0.851	0.860	-1.1	91	0.00
70 T	Styrene	1.398	1.390	0.6	88	0.00
71 P	Bromoform	0.461	0.426	7.6	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.839	3.751	2.3	92	0.00
74 T	N-amyl acetate	1.826	1.625	11.0	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.198	6.8	90	0.00
76 T	1,2,3-Trichloropropane	1.101	1.027	6.7	87	0.00
77 T	Bromobenzene	0.972	0.952	2.1	91	0.00
78 T	n-propylbenzene	4.522	4.378	3.2	90	0.00
79 T	2-Chlorotoluene	2.667	2.585	3.1	92	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.290	1.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.395	17.0	78	0.00
82 T	4-Chlorotoluene	3.104	3.022	2.6	91	0.00
83 T	tert-Butylbenzene	3.201	3.246	-1.4	96	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.366	0.7	93	0.00
85 T	sec-Butylbenzene	4.006	3.991	0.4	93	0.00
86 T	p-Isopropyltoluene	3.588	3.585	0.1	94	0.00
87 T	1,3-Dichlorobenzene	1.795	1.785	0.6	93	0.00
88 T	1,4-Dichlorobenzene	1.807	1.811	-0.2	94	0.00
89 T	n-Butylbenzene	3.186	3.168	0.6	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.621	11.3	86	0.00
91 T	1,2-Dichlorobenzene	1.798	1.799	-0.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.319	10.1	81	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.314	-18.3	99	0.00
94 T	Hexachlorobutadiene	0.625	0.679	-8.6	101	0.00
95 T	Naphthalene	3.293	4.062	-23.4#	99	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.343	-21.3#	100	0.00

(#) = Out of Range

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