

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU063018\  
 Data File : VU025079.D  
 Acq On : 30 Jun 2018 11:22  
 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 02 06:26:44 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.626	0.534	14.7	81	0.00
3 P	Chloromethane	0.639	0.538	15.8	84	0.00
4 C	Vinyl Chloride	0.659	0.595	9.7#	85	0.00
5 T	Bromomethane	0.319	0.382	-19.7	109	0.00
6 T	Chloroethane	0.431	0.381	11.6	92	0.00
7 T	Trichlorofluoromethane	1.006	1.004	0.2	96	0.00
8 T	Diethyl Ether	0.390	0.382	2.1	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.621	0.5	95	0.00
10 T	Methyl Iodide	0.451	0.600	-33.0#	107	0.00
11 T	Tert butyl alcohol	0.199	0.181	9.0	90	0.00
12 CM	1,1-Dichloroethene	0.569	0.549	3.5#	89	0.00
13 T	Acrolein	0.104	0.065	37.5#	59	0.00
14 T	Allyl chloride	1.057	1.083	-2.5	99	0.00
15 T	Acrylonitrile	0.386	0.362	6.2	84	0.00
16 T	Acetone	0.439	0.436	0.7	97	0.00
17 T	Carbon Disulfide	1.823	1.553	14.8	80	0.00
18 T	Methyl Acetate	0.940	1.035	-10.1	103	0.00
19 T	Methyl tert-butyl Ether	2.140	2.195	-2.6	96	0.00
20 T	Methylene Chloride	0.688	0.658	4.4	94	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.616	1.8	93	0.00
22 T	Diisopropyl ether	2.096	2.100	-0.2	94	0.00
23 T	Vinyl Acetate	1.877	1.763	6.1	86	0.00
24 P	1,1-Dichloroethane	1.205	1.205	0.0	92	0.00
25 T	2-Butanone	0.589	0.565	4.1	87	0.00
26 T	2,2-Dichloropropane	1.145	1.170	-2.2	97	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.732	-1.5	96	0.00
28 T	Bromochloromethane	0.531	0.470	11.5	77	0.00
29 T	Tetrahydrofuran	0.365	0.333	8.8	86	0.00
30 C	Chloroform	1.220	1.281	-5.0#	98	0.00
31 T	Cyclohexane	1.323	1.088	17.8	90	0.00
32 T	1,1,1-Trichloroethane	1.128	1.173	-4.0	99	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.728	10.8	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.415	0.408	1.7	84	0.00
36 T	1,1-Dichloropropene	0.588	0.631	-7.3	95	0.00
37 T	Ethyl Acetate	0.640	0.655	-2.3	83	0.00
38 T	Carbon Tetrachloride	0.646	0.708	-9.6	95	0.00
39 T	Methylcyclohexane	0.733	0.792	-8.0	96	0.00
40 TM	Benzene	1.674	1.808	-8.0	94	0.00
41 T	Methacrylonitrile	0.345	0.369	-7.0	86	0.00
42 TM	1,2-Dichloroethane	0.638	0.738	-15.7	101	0.00
43 T	Isopropyl Acetate	1.107	1.082	2.3	86	0.00
44 TM	Trichloroethene	0.476	0.512	-7.6	96	0.00
45 C	1,2-Dichloropropane	0.447	0.480	-7.4#	93	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.314	0.343	-9.2	93	0.00
47 T	Bromodichloromethane	0.625	0.675	-8.0	94	0.00
48 T	Methyl methacrylate	0.539	0.567	-5.2	91	0.00
49 T	1,4-Dioxane	0.011	0.013	-18.2	118	0.00
50 S	Toluene-d8	1.514	1.339	11.6	75	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.688	1.0	86	0.00
52 CM	Toluene	1.077	1.181	-9.7#	96	0.00
53 T	t-1,3-Dichloropropene	0.702	0.739	-5.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.766	-2.4	89	0.00
55 T	1,1,2-Trichloroethane	0.438	0.472	-7.8	97	0.00
56 T	Ethyl methacrylate	0.733	0.734	-0.1	88	0.00
57 T	1,3-Dichloropropane	0.739	0.809	-9.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.254	9.6	76	0.00
59 T	2-Hexanone	0.568	0.564	0.7	88	0.00
60 T	Dibromochloromethane	0.546	0.547	-0.2	90	0.00
61 T	1,2-Dibromoethane	0.487	0.522	-7.2	95	0.00
62 S	4-Bromofluorobenzene	0.601	0.574	4.5	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.475	0.517	-8.8	94	0.00
65 PM	Chlorobenzene	1.277	1.406	-10.1	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.529	-9.1	96	0.00
67 C	Ethyl Benzene	2.239	2.438	-8.9#	95	0.00
68 T	m/p-Xylenes	0.860	0.958	-11.4	98	0.00
69 T	o-Xylene	0.851	0.944	-10.9	98	0.00
70 T	Styrene	1.398	1.512	-8.2	94	0.00
71 P	Bromoform	0.461	0.454	1.5	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.839	4.139	-7.8	100	0.00
74 T	N-amyl acetate	1.826	1.683	7.8	85	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.304	-1.4	97	0.00
76 T	1,2,3-Trichloropropane	1.101	1.201	-9.1	100	0.00
77 T	Bromobenzene	0.972	1.043	-7.3	99	0.00
78 T	n-propylbenzene	4.522	4.820	-6.6	98	0.00
79 T	2-Chlorotoluene	2.667	2.827	-6.0	99	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.618	-8.7	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.459	3.6	89	0.00
82 T	4-Chlorotoluene	3.104	3.318	-6.9	98	0.00
83 T	tert-Butylbenzene	3.201	3.540	-10.6	103	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.686	-8.7	100	0.00
85 T	sec-Butylbenzene	4.006	4.316	-7.7	99	0.00
86 T	p-Isopropyltoluene	3.588	3.900	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	1.795	1.953	-8.8	101	0.00
88 T	1,4-Dichlorobenzene	1.807	1.951	-8.0	100	0.00
89 T	n-Butylbenzene	3.186	3.272	-2.7	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.668	4.6	91	0.00
91 T	1,2-Dichlorobenzene	1.798	2.004	-11.5	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.340	4.2	85	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.357	-22.1#	101	0.00
94 T	Hexachlorobutadiene	0.625	0.726	-16.2	106	0.00
95 T	Naphthalene	3.293	4.074	-23.7#	98	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.374	-24.1#	101	0.00

(#) = Out of Range

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