

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062718\
 Data File : VU024953.D
 Acq On : 27 Jun 2018 04:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 06:36:28 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	103	0.00
2 T	Dichlorodifluoromethane	0.626	0.505	19.3	86	0.00
3 P	Chloromethane	0.639	0.564	11.7	98	0.00
4 C	Vinyl Chloride	0.659	0.612	7.1#	98	0.00
5 T	Bromomethane	0.319	0.337	-5.6	108	0.00
6 T	Chloroethane	0.431	0.392	9.0	106	0.00
7 T	Trichlorofluoromethane	1.006	0.909	9.6	97	0.00
8 T	Diethyl Ether	0.390	0.372	4.6	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.581	6.9	100	0.00
10 T	Methyl Iodide	0.451	0.623	-38.1#	125	0.00
11 T	Tert butyl alcohol	0.199	0.180	9.5	100	0.00
12 CM	1,1-Dichloroethene	0.569	0.544	4.4#	99	0.00
13 T	Acrolein	0.104	0.046	55.8#	47#	0.00
14 T	Allyl chloride	1.057	0.910	13.9	93	0.00
15 T	Acrylonitrile	0.386	0.368	4.7	96	0.00
16 T	Acetone	0.439	0.333	24.1#	83	0.00
17 T	Carbon Disulfide	1.823	1.355	25.7#	79	0.00
18 T	Methyl Acetate	0.940	1.037	-10.3	116	0.00
19 T	Methyl tert-butyl Ether	2.140	2.132	0.4	104	0.00
20 T	Methylene Chloride	0.688	0.664	3.5	106	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.572	8.8	97	0.00
22 T	Diisopropyl ether	2.096	1.997	4.7	100	0.00
23 T	Vinyl Acetate	1.877	1.640	12.6	90	0.00
24 P	1,1-Dichloroethane	1.205	1.145	5.0	99	0.00
25 T	2-Butanone	0.589	0.517	12.2	89	0.00
26 T	2,2-Dichloropropane	1.145	0.827	27.8#	77	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.688	4.6	101	0.00
28 T	Bromochloromethane	0.531	0.481	9.4	88	0.00
29 T	Tetrahydrofuran	0.365	0.332	9.0	96	0.00
30 C	Chloroform	1.220	1.183	3.0#	102	0.00
31 T	Cyclohexane	1.323	0.970	26.7#	90	0.00
32 T	1,1,1-Trichloroethane	1.128	1.087	3.6	103	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.709	13.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.415	0.386	7.0	90	0.00
36 T	1,1-Dichloropropene	0.588	0.547	7.0	94	0.00
37 T	Ethyl Acetate	0.640	0.640	0.0	92	0.00
38 T	Carbon Tetrachloride	0.646	0.639	1.1	98	0.00
39 T	Methylcyclohexane	0.733	0.664	9.4	91	0.00
40 TM	Benzene	1.674	1.652	1.3	97	0.00
41 T	Methacrylonitrile	0.345	0.359	-4.1	95	0.00
42 TM	1,2-Dichloroethane	0.638	0.645	-1.1	100	0.00
43 T	Isopropyl Acetate	1.107	1.028	7.1	93	0.00
44 TM	Trichloroethene	0.476	0.463	2.7	99	0.00
45 C	1,2-Dichloropropane	0.447	0.438	2.0#	96	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	0.314	0.0	97	0.00
47 T	Bromodichloromethane	0.625	0.599	4.2	95	0.00
48 T	Methyl methacrylate	0.539	0.522	3.2	95	0.00
49 T	1,4-Dioxane	0.011	0.013	-18.2	127	0.00
50 S	Toluene-d8	1.514	1.334	11.9	85	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.665	4.3	94	0.00
52 CM	Toluene	1.077	1.054	2.1#	97	0.00
53 T	t-1,3-Dichloropropene	0.702	0.646	8.0	89	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.677	9.5	89	0.00
55 T	1,1,2-Trichloroethane	0.438	0.443	-1.1	104	0.00
56 T	Ethyl methacrylate	0.733	0.717	2.2	98	0.00
57 T	1,3-Dichloropropane	0.739	0.741	-0.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.078	72.2#	27#	0.00
59 T	2-Hexanone	0.568	0.530	6.7	94	0.00
60 T	Dibromochloromethane	0.546	0.507	7.1	94	0.00
61 T	1,2-Dibromoethane	0.487	0.476	2.3	98	0.00
62 S	4-Bromofluorobenzene	0.601	0.545	9.3	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.475	0.478	-0.6	98	0.00
65 PM	Chlorobenzene	1.277	1.264	1.0	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.495	-2.1	102	0.00
67 C	Ethyl Benzene	2.239	2.194	2.0#	97	0.00
68 T	m/p-Xylenes	0.860	0.859	0.1	99	0.00
69 T	o-Xylene	0.851	0.853	-0.2	101	0.00
70 T	Styrene	1.398	1.420	-1.6	100	0.00
71 P	Bromoform	0.461	0.425	7.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.839	3.736	2.7	101	0.00
74 T	N-amyl acetate	1.826	1.599	12.4	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.261	1.9	105	0.00
76 T	1,2,3-Trichloropropane	1.101	1.065	3.3	100	0.00
77 T	Bromobenzene	0.972	0.978	-0.6	104	0.00
78 T	n-propylbenzene	4.522	4.240	6.2	97	0.00
79 T	2-Chlorotoluene	2.667	2.549	4.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.222	3.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.377	20.8#	83	0.00
82 T	4-Chlorotoluene	3.104	2.952	4.9	99	0.00
83 T	tert-Butylbenzene	3.201	3.234	-1.0	106	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.304	2.6	101	0.00
85 T	sec-Butylbenzene	4.006	3.908	2.4	101	0.00
86 T	p-Isopropyltoluene	3.588	3.484	2.9	101	0.00
87 T	1,3-Dichlorobenzene	1.795	1.781	0.8	103	0.00
88 T	1,4-Dichlorobenzene	1.807	1.798	0.5	104	0.00
89 T	n-Butylbenzene	3.186	2.925	8.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.606	13.4	93	0.00
91 T	1,2-Dichlorobenzene	1.798	1.874	-4.2	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.335	5.6	95	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.303	-17.3	109	0.00
94 T	Hexachlorobutadiene	0.625	0.648	-3.7	107	0.00
95 T	Naphthalene	3.293	4.299	-30.5#	116	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.376	-24.3#	114	0.00

(#) = Out of Range

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