

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091418\
 Data File : VU026721.D
 Acq On : 13 Sep 2018 08:41
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 14 01:00:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 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	110	0.00
2 T	Dichlorodifluoromethane	0.540	0.496	8.1	102	0.00
3 P	Chloromethane	0.755	0.658	12.8	100	0.00
4 C	Vinyl Chloride	0.782	0.706	9.7#	98	0.00
5 T	Bromomethane	0.490	0.406	17.1	97	0.00
6 T	Chloroethane	0.498	0.448	10.0	100	0.00
7 T	Trichlorofluoromethane	1.022	0.948	7.2	101	0.00
8 T	Diethyl Ether	0.448	0.408	8.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.607	0.578	4.8	105	0.00
10 T	Methyl Iodide	0.457	0.323	29.3#	74	0.00
11 T	Tert butyl alcohol	0.185	0.159	14.1	100	0.00
12 CM	1,1-Dichloroethene	0.574	0.535	6.8#	104	0.00
13 T	Acrolein	0.125	0.085	32.0#	77	0.00
14 T	Allyl chloride	1.034	0.937	9.4	103	0.00
15 T	Acrylonitrile	0.396	0.381	3.8	102	0.00
16 T	Acetone	0.429	0.412	4.0	112	0.00
17 T	Carbon Disulfide	1.826	1.573	13.9	98	0.00
18 T	Methyl Acetate	0.927	0.920	0.8	107	0.00
19 T	Methyl tert-butyl Ether	1.976	1.889	4.4	104	0.00
20 T	Methylene Chloride	0.697	0.644	7.6	103	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.570	5.8	103	0.00
22 T	Diisopropyl ether	2.158	2.099	2.7	102	0.00
23 T	Vinyl Acetate	1.833	1.800	1.8	102	0.00
24 P	1,1-Dichloroethane	1.217	1.147	5.8	102	0.00
25 T	2-Butanone	0.578	0.566	2.1	105	0.00
26 T	2,2-Dichloropropane	1.001	0.979	2.2	107	0.00
27 T	cis-1,2-Dichloroethene	0.697	0.663	4.9	102	0.00
28 T	Bromochloromethane	0.582	0.534	8.2	98	0.00
29 T	Tetrahydrofuran	0.349	0.335	4.0	102	0.00
30 C	Chloroform	1.197	1.134	5.3#	104	0.00
31 T	Cyclohexane	1.260	1.020	19.0	101	0.00
32 T	1,1,1-Trichloroethane	0.991	0.965	2.6	104	0.00
33 S	1,2-Dichloroethane-d4	0.758	0.698	7.9	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.408	0.393	3.7	104	0.00
36 T	1,1-Dichloropropene	0.561	0.565	-0.7	104	0.00
37 T	Ethyl Acetate	0.675	0.640	5.2	100	0.00
38 T	Carbon Tetrachloride	0.593	0.575	3.0	103	0.00
39 T	Methylcyclohexane	0.667	0.673	-0.9	102	0.00
40 TM	Benzene	1.743	1.704	2.2	102	0.00
41 T	Methacrylonitrile	0.350	0.364	-4.0	104	0.00
42 TM	1,2-Dichloroethane	0.622	0.604	2.9	102	0.00
43 T	Isopropyl Acetate	1.028	1.040	-1.2	103	0.00
44 TM	Trichloroethene	0.431	0.431	0.0	105	0.00
45 C	1,2-Dichloropropane	0.474	0.471	0.6#	102	0.00

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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)
46 T	Dibromomethane	0.306	0.307	-0.3	102	0.00
47 T	Bromodichloromethane	0.602	0.606	-0.7	104	0.00
48 T	Methyl methacrylate	0.507	0.526	-3.7	103	0.00
49 T	1,4-Dioxane	0.012	0.012	0.0	102	0.00
50 S	Toluene-d8	1.508	1.444	4.2	102	0.00
51 T	4-Methyl-2-Pentanone	0.688	0.685	0.4	102	0.00
52 CM	Toluene	1.038	1.047	-0.9#	103	0.00
53 T	t-1,3-Dichloropropene	0.668	0.676	-1.2	103	0.00
54 T	cis-1,3-Dichloropropene	0.717	0.730	-1.8	104	0.00
55 T	1,1,2-Trichloroethane	0.445	0.444	0.2	104	0.00
56 T	Ethyl methacrylate	0.650	0.683	-5.1	104	0.00
57 T	1,3-Dichloropropane	0.758	0.760	-0.3	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.320	0.357	-11.6	109	0.00
59 T	2-Hexanone	0.541	0.547	-1.1	103	0.00
60 T	Dibromochloromethane	0.482	0.485	-0.6	103	0.00
61 T	1,2-Dibromoethane	0.483	0.474	1.9	104	0.00
62 S	4-Bromofluorobenzene	0.547	0.535	2.2	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.398	0.393	1.3	105	0.00
65 PM	Chlorobenzene	1.242	1.236	0.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.453	0.9	104	0.00
67 C	Ethyl Benzene	2.046	2.118	-3.5#	105	0.00
68 T	m/p-Xylenes	0.778	0.825	-6.0	104	0.00
69 T	o-Xylene	0.758	0.788	-4.0	102	0.00
70 T	Styrene	1.241	1.327	-6.9	103	0.00
71 P	Bromoform	0.398	0.414	-4.0	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.407	3.515	-3.2	104	0.00
74 T	N-amyl acetate	1.609	1.662	-3.3	103	0.00
75 P	1,1,2,2-Tetrachloroethane	1.389	1.297	6.6	103	0.00
76 T	1,2,3-Trichloropropane	1.120	1.047	6.5	103	0.00
77 T	Bromobenzene	0.926	0.920	0.6	106	0.00
78 T	n-propylbenzene	3.963	4.274	-7.8	106	0.00
79 T	2-Chlorotoluene	2.457	2.468	-0.4	104	0.00
80 T	1,3,5-Trimethylbenzene	2.864	3.009	-5.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.386	0.427	-10.6	123	0.00
82 T	4-Chlorotoluene	2.760	2.863	-3.7	104	0.00
83 T	tert-Butylbenzene	2.906	3.001	-3.3	104	0.00
84 T	1,2,4-Trimethylbenzene	2.889	3.073	-6.4	105	0.00
85 T	sec-Butylbenzene	3.452	3.699	-7.2	105	0.00
86 T	p-Isopropyltoluene	3.010	3.301	-9.7	106	0.00
87 T	1,3-Dichlorobenzene	1.728	1.691	2.1	106	0.00
88 T	1,4-Dichlorobenzene	1.794	1.712	4.6	106	0.00
89 T	n-Butylbenzene	2.637	3.041	-15.3	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.609	0.605	0.7	105	0.00
91 T	1,2-Dichlorobenzene	1.738	1.701	2.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.278	0.289	-4.0	105	0.00
93 T	1,2,4-Trichlorobenzene	1.154	1.254	-8.7	110	0.00
94 T	Hexachlorobutadiene	0.594	0.635	-6.9	111	0.00
95 T	Naphthalene	3.496	3.847	-10.0	104	0.00
96 T	1,2,3-Trichlorobenzene	1.205	1.273	-5.6	107	0.00

(#) = Out of Range

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