

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092818\
 Data File : VU027284.D
 Acq On : 28 Sep 2018 20:31
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 01:08:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 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	119	0.00
2 T	Dichlorodifluoromethane	0.653	0.619	5.2	115	0.00
3 P	Chloromethane	1.126	0.875	22.3#	99	0.00
4 C	Vinyl Chloride	1.051	0.948	9.8#	110	0.00
5 T	Bromomethane	0.598	0.620	-3.7	137	0.00
6 T	Chloroethane	0.671	0.585	12.8	107	0.00
7 T	Trichlorofluoromethane	1.193	1.039	12.9	106	0.00
8 T	Diethyl Ether	0.574	0.531	7.5	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.734	0.616	16.1	105	0.00
10 T	Methyl Iodide	0.910	0.294	67.7#	38#	0.00
11 T	Tert butyl alcohol	0.231	0.209	9.5	111	0.00
12 CM	1,1-Dichloroethene	0.691	0.605	12.4#	108	0.00
13 T	Acrolein	0.124	0.111	10.5	101	0.00
14 T	Allyl chloride	1.401	1.398	0.2	119	0.00
15 T	Acrylonitrile	0.581	0.555	4.5	112	0.00
16 T	Acetone	0.658	0.483	26.6#	104	0.00
17 T	Carbon Disulfide	2.250	2.076	7.7	114	0.00
18 T	Methyl Acetate	1.432	1.485	-3.7	123	0.00
19 T	Methyl tert-butyl Ether	2.538	2.595	-2.2	120	0.00
20 T	Methylene Chloride	0.901	0.813	9.8	115	0.00
21 T	trans-1,2-Dichloroethene	0.737	0.714	3.1	114	0.00
22 T	Diisopropyl ether	2.996	3.027	-1.0	114	0.00
23 T	Vinyl Acetate	2.554	2.594	-1.6	115	0.00
24 P	1,1-Dichloroethane	1.650	1.562	5.3	113	0.00
25 T	2-Butanone	0.846	0.783	7.4	111	0.00
26 T	2,2-Dichloropropane	1.287	1.178	8.5	111	0.00
27 T	cis-1,2-Dichloroethene	0.833	0.838	-0.6	119	0.00
28 T	Bromochloromethane	0.795	0.730	8.2	106	0.00
29 T	Tetrahydrofuran	0.512	0.512	0.0	114	0.00
30 C	Chloroform	1.532	1.403	8.4#	111	0.00
31 T	Cyclohexane	1.687	1.457	13.6	115	0.00
32 T	1,1,1-Trichloroethane	1.223	1.173	4.1	114	0.00
33 S	1,2-Dichloroethane-d4	1.006	0.855	15.0	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
35 S	Dibromofluoromethane	0.433	0.397	8.3	108	0.00
36 T	1,1-Dichloropropene	0.667	0.650	2.5	115	0.00
37 T	Ethyl Acetate	0.903	0.848	6.1	111	0.00
38 T	Carbon Tetrachloride	0.635	0.604	4.9	112	0.00
39 T	Methylcyclohexane	0.725	0.783	-8.0	119	0.00
40 TM	Benzene	2.029	1.966	3.1	114	0.00
41 T	Methacrylonitrile	0.469	0.502	-7.0	119	0.00
42 TM	1,2-Dichloroethane	0.766	0.719	6.1	109	0.00
43 T	Isopropyl Acetate	1.317	1.363	-3.5	118	0.00
44 TM	Trichloroethene	0.432	0.442	-2.3	120	0.00
45 C	1,2-Dichloropropane	0.578	0.557	3.6#	113	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	0.349	0.335	4.0	113	0.00
47 T	Bromodichloromethane	0.706	0.674	4.5	114	0.00
48 T	Methyl methacrylate	0.642	0.695	-8.3	117	0.00
49 T	1,4-Dioxane	0.013	0.012	7.7	97	0.00
50 S	Toluene-d8	1.652	1.454	12.0	101	0.00
51 T	4-Methyl-2-Pentanone	0.886	0.909	-2.6	114	0.00
52 CM	Toluene	1.163	1.216	-4.6#	115	0.00
53 T	t-1,3-Dichloropropene	0.758	0.797	-5.1	117	0.00
54 T	cis-1,3-Dichloropropene	0.834	0.856	-2.6	115	0.00
55 T	1,1,2-Trichloroethane	0.493	0.480	2.6	112	0.00
56 T	Ethyl methacrylate	0.733	0.836	-14.1	122	0.00
57 T	1,3-Dichloropropane	0.916	0.915	0.1	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.420	0.426	-1.4	105	0.00
59 T	2-Hexanone	0.694	0.689	0.7	112	0.00
60 T	Dibromochloromethane	0.483	0.485	-0.4	115	0.00
61 T	1,2-Dibromoethane	0.513	0.510	0.6	114	0.00
62 S	4-Bromofluorobenzene	0.567	0.550	3.0	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.385	0.395	-2.6	120	0.00
65 PM	Chlorobenzene	1.326	1.306	1.5	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.459	-0.4	114	0.00
67 C	Ethyl Benzene	2.180	2.378	-9.1#	117	0.00
68 T	m/p-Xylenes	0.798	0.895	-12.2	116	0.00
69 T	o-Xylene	0.772	0.859	-11.3	118	0.00
70 T	Styrene	1.247	1.415	-13.5	116	0.00
71 P	Bromoform	0.353	0.372	-5.4	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
73 T	Isopropylbenzene	3.803	4.215	-10.8	116	0.00
74 T	N-amyl acetate	2.202	2.331	-5.9	116	0.00
75 P	1,1,2,2-Tetrachloroethane	1.749	1.576	9.9	109	0.00
76 T	1,2,3-Trichloropropane	1.519	1.445	4.9	109	0.00
77 T	Bromobenzene	0.929	0.967	-4.1	115	0.00
78 T	n-propylbenzene	4.500	5.053	-12.3	114	0.00
79 T	2-Chlorotoluene	2.827	2.948	-4.3	113	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.459	-10.2	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.402	15.4	99	0.00
82 T	4-Chlorotoluene	3.170	3.380	-6.6	113	0.00
83 T	tert-Butylbenzene	3.104	3.385	-9.1	116	0.00
84 T	1,2,4-Trimethylbenzene	3.195	3.578	-12.0	114	0.00
85 T	sec-Butylbenzene	3.789	4.267	-12.6	116	0.00
86 T	p-Isopropyltoluene	3.186	3.631	-14.0	114	0.00
87 T	1,3-Dichlorobenzene	1.730	1.778	-2.8	116	0.00
88 T	1,4-Dichlorobenzene	1.885	1.821	3.4	115	0.00
89 T	n-Butylbenzene	2.969	3.345	-12.7	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.689	0.631	8.4	108	0.00
91 T	1,2-Dichlorobenzene	1.837	1.795	2.3	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.357	0.351	1.7	112	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.220	-15.2	122	0.00
94 T	Hexachlorobutadiene	0.560	0.581	-3.7	116	0.00
95 T	Naphthalene	3.647	4.148	-13.7	114	0.00
96 T	1,2,3-Trichlorobenzene	1.135	1.244	-9.6	115	0.00

(#) = Out of Range

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