

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092818\
 Data File : VU027282.D
 Acq On : 28 Sep 2018 19:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 01:04:54 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	120	0.00
2 T	Dichlorodifluoromethane	0.653	0.604	7.5	113	0.00
3 P	Chloromethane	1.126	0.896	20.4#	102	0.00
4 C	Vinyl Chloride	1.051	0.917	12.7#	107	0.00
5 T	Bromomethane	0.598	0.445	25.6#	99	0.00
6 T	Chloroethane	0.671	0.579	13.7	106	0.00
7 T	Trichlorofluoromethane	1.193	1.027	13.9	106	0.00
8 T	Diethyl Ether	0.574	0.516	10.1	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.734	0.638	13.1	109	0.00
10 T	Methyl Iodide	0.910	0.189	79.2#	25#	0.00
11 T	Tert butyl alcohol	0.231	0.207	10.4	110	0.00
12 CM	1,1-Dichloroethene	0.691	0.626	9.4#	112	0.00
13 T	Acrolein	0.124	0.100	19.4	91	0.00
14 T	Allyl chloride	1.401	1.381	1.4	118	0.00
15 T	Acrylonitrile	0.581	0.547	5.9	111	0.00
16 T	Acetone	0.658	0.480	27.1#	103	0.00
17 T	Carbon Disulfide	2.250	2.062	8.4	114	0.00
18 T	Methyl Acetate	1.432	1.468	-2.5	122	0.00
19 T	Methyl tert-butyl Ether	2.538	2.571	-1.3	119	0.00
20 T	Methylene Chloride	0.901	0.784	13.0	111	0.00
21 T	trans-1,2-Dichloroethene	0.737	0.696	5.6	112	0.00
22 T	Diisopropyl ether	2.996	3.022	-0.9	115	0.00
23 T	Vinyl Acetate	2.554	2.573	-0.7	114	0.00
24 P	1,1-Dichloroethane	1.650	1.565	5.2	114	0.00
25 T	2-Butanone	0.846	0.774	8.5	110	0.00
26 T	2,2-Dichloropropane	1.287	1.177	8.5	111	0.00
27 T	cis-1,2-Dichloroethene	0.833	0.814	2.3	116	0.00
28 T	Bromochloromethane	0.795	0.733	7.8	107	0.00
29 T	Tetrahydrofuran	0.512	0.503	1.8	113	0.00
30 C	Chloroform	1.532	1.389	9.3#	110	0.00
31 T	Cyclohexane	1.687	1.462	13.3	116	0.00
32 T	1,1,1-Trichloroethane	1.223	1.159	5.2	113	0.00
33 S	1,2-Dichloroethane-d4	1.006	0.861	14.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
35 S	Dibromofluoromethane	0.433	0.396	8.5	109	0.00
36 T	1,1-Dichloropropene	0.667	0.647	3.0	116	0.00
37 T	Ethyl Acetate	0.903	0.835	7.5	110	0.00
38 T	Carbon Tetrachloride	0.635	0.581	8.5	109	0.00
39 T	Methylcyclohexane	0.725	0.765	-5.5	117	0.00
40 TM	Benzene	2.029	1.913	5.7	113	0.00
41 T	Methacrylonitrile	0.469	0.478	-1.9	114	0.00
42 TM	1,2-Dichloroethane	0.766	0.706	7.8	108	0.00
43 T	Isopropyl Acetate	1.317	1.354	-2.8	119	0.00
44 TM	Trichloroethene	0.432	0.435	-0.7	119	0.00
45 C	1,2-Dichloropropane	0.578	0.556	3.8#	114	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	0.327	6.3	112	0.00
47 T	Bromodichloromethane	0.706	0.651	7.8	111	0.00
48 T	Methyl methacrylate	0.642	0.673	-4.8	115	0.00
49 T	1,4-Dioxane	0.013	0.012	7.7	97	0.00
50 S	Toluene-d8	1.652	1.464	11.4	103	0.00
51 T	4-Methyl-2-Pentanone	0.886	0.886	0.0	112	0.00
52 CM	Toluene	1.163	1.199	-3.1#	115	0.00
53 T	t-1,3-Dichloropropene	0.758	0.775	-2.2	115	0.00
54 T	cis-1,3-Dichloropropene	0.834	0.840	-0.7	114	0.00
55 T	1,1,2-Trichloroethane	0.493	0.469	4.9	111	0.00
56 T	Ethyl methacrylate	0.733	0.823	-12.3	122	0.00
57 T	1,3-Dichloropropane	0.916	0.890	2.8	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.420	0.423	-0.7	105	0.00
59 T	2-Hexanone	0.694	0.677	2.4	111	0.00
60 T	Dibromochloromethane	0.483	0.469	2.9	113	0.00
61 T	1,2-Dibromoethane	0.513	0.497	3.1	113	0.00
62 S	4-Bromofluorobenzene	0.567	0.556	1.9	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.385	0.370	3.9	115	0.00
65 PM	Chlorobenzene	1.326	1.262	4.8	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.457	0.450	1.5	114	0.00
67 C	Ethyl Benzene	2.180	2.360	-8.3#	119	0.00
68 T	m/p-Xylenes	0.798	0.890	-11.5	118	0.00
69 T	o-Xylene	0.772	0.846	-9.6	118	0.00
70 T	Styrene	1.247	1.374	-10.2	115	0.00
71 P	Bromoform	0.353	0.366	-3.7	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.803	4.103	-7.9	116	0.00
74 T	N-amyl acetate	2.202	2.314	-5.1	117	0.00
75 P	1,1,2,2-Tetrachloroethane	1.749	1.525	12.8	108	0.00
76 T	1,2,3-Trichloropropane	1.519	1.331	12.4	103	0.00
77 T	Bromobenzene	0.929	0.934	-0.5	114	0.00
78 T	n-propylbenzene	4.500	4.885	-8.6	112	0.00
79 T	2-Chlorotoluene	2.827	2.852	-0.9	112	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.363	-7.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.423	10.9	107	0.00
82 T	4-Chlorotoluene	3.170	3.254	-2.6	111	0.00
83 T	tert-Butylbenzene	3.104	3.296	-6.2	116	0.00
84 T	1,2,4-Trimethylbenzene	3.195	3.528	-10.4	115	0.00
85 T	sec-Butylbenzene	3.789	4.103	-8.3	114	0.00
86 T	p-Isopropyltoluene	3.186	3.499	-9.8	113	0.00
87 T	1,3-Dichlorobenzene	1.730	1.713	1.0	114	0.00
88 T	1,4-Dichlorobenzene	1.885	1.740	7.7	112	0.00
89 T	n-Butylbenzene	2.969	3.239	-9.1	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.689	0.625	9.3	109	0.00
91 T	1,2-Dichlorobenzene	1.837	1.709	7.0	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.357	0.346	3.1	113	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.146	-8.2	117	0.00
94 T	Hexachlorobutadiene	0.560	0.556	0.7	114	0.00
95 T	Naphthalene	3.647	4.130	-13.2	116	0.00
96 T	1,2,3-Trichlorobenzene	1.135	1.191	-4.9	113	0.00

(#) = Out of Range

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