

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX011019\
 Data File : VX006981.D
 Acq On : 10 Jan 2019 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 07:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 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	102	0.00
2 T	Dichlorodifluoromethane	0.411	0.483	-17.5	117	0.00
3 P	Chloromethane	0.478	0.494	-3.3	109	0.00
4 C	Vinyl Chloride	0.514	0.549	-6.8#	113	0.00
5 T	Bromomethane	0.549	0.545	0.7	115	0.00
6 T	Chloroethane	0.359	0.346	3.6	113	0.00
7 T	Trichlorofluoromethane	0.831	0.885	-6.5	118	0.00
8 T	Diethyl Ether	0.331	0.325	1.8	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.497	0.532	-7.0	124	0.00
10 T	Methyl Iodide	0.671	0.776	-15.6	115	0.00
11 T	Tert butyl alcohol	0.123	0.124	-0.8	116	0.00
12 CM	1,1-Dichloroethene	0.460	0.485	-5.4#	118	0.00
13 T	Acrolein	0.056	0.049	12.5	97	0.00
14 T	Allyl chloride	0.788	0.831	-5.5	116	0.00
15 T	Acrylonitrile	0.283	0.293	-3.5	116	0.00
16 T	Acetone	0.258	0.285	-10.5	126	0.00
17 T	Carbon Disulfide	1.183	1.225	-3.6	113	0.00
18 T	Methyl Acetate	0.748	0.756	-1.1	117	0.00
19 T	Methyl tert-butyl Ether	1.595	1.636	-2.6	114	0.00
20 T	Methylene Chloride	0.548	0.524	4.4	113	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.514	-0.4	115	0.00
22 T	Diisopropyl ether	1.481	1.544	-4.3	115	0.00
23 T	Vinyl Acetate	1.249	1.374	-10.0	121	0.00
24 P	1,1-Dichloroethane	0.828	0.903	-9.1	121	0.00
25 T	2-Butanone	0.370	0.393	-6.2	117	0.00
26 T	2,2-Dichloropropane	0.637	0.701	-10.0	122	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.572	-1.2	113	0.00
28 T	Bromochloromethane	0.363	0.376	-3.6	107	0.00
29 T	Tetrahydrofuran	0.240	0.248	-3.3	114	0.00
30 C	Chloroform	0.867	0.909	-4.8#	117	0.00
31 T	Cyclohexane	0.737	0.788	-6.9	118	0.00
32 T	1,1,1-Trichloroethane	0.735	0.796	-8.3	117	0.00
33 S	1,2-Dichloroethane-d4	0.523	0.529	-1.1	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.320	0.337	-5.3	102	0.00
36 T	1,1-Dichloropropene	0.435	0.476	-9.4	118	0.00
37 T	Ethyl Acetate	0.466	0.503	-7.9	114	0.00
38 T	Carbon Tetrachloride	0.437	0.494	-13.0	120	0.00
39 T	Methylcyclohexane	0.554	0.617	-11.4	121	0.00
40 TM	Benzene	1.326	1.418	-6.9	115	0.00
41 T	Methacrylonitrile	0.268	0.280	-4.5	118	0.00
42 TM	1,2-Dichloroethane	0.458	0.471	-2.8	113	0.00
43 T	Isopropyl Acetate	0.735	0.806	-9.7	115	0.00
44 TM	Trichloroethene	0.397	0.423	-6.5	117	0.00
45 C	1,2-Dichloropropane	0.333	0.354	-6.3#	114	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.234	0.250	-6.8	114	0.00
47 T	Bromodichloromethane	0.399	0.454	-13.8	118	0.00
48 T	Methyl methacrylate	0.378	0.404	-6.9	114	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	117	0.00
50 S	Toluene-d8	1.172	1.228	-4.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.472	0.514	-8.9	115	0.00
52 CM	Toluene	0.853	0.915	-7.3#	116	0.00
53 T	t-1,3-Dichloropropene	0.442	0.515	-16.5	117	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.560	-14.5	117	0.00
55 T	1,1,2-Trichloroethane	0.341	0.378	-10.9	115	0.00
56 T	Ethyl methacrylate	0.498	0.551	-10.6	115	0.00
57 T	1,3-Dichloropropane	0.559	0.601	-7.5	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.289	-12.9	111	0.00
59 T	2-Hexanone	0.360	0.402	-11.7	119	0.00
60 T	Dibromochloromethane	0.331	0.401	-21.1#	119	0.00
61 T	1,2-Dibromoethane	0.376	0.412	-9.6	115	0.00
62 S	4-Bromofluorobenzene	0.409	0.439	-7.3	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.433	0.468	-8.1	122	0.00
65 PM	Chlorobenzene	1.091	1.160	-6.3	116	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.422	-15.0	117	0.00
67 C	Ethyl Benzene	1.800	1.941	-7.8#	118	0.00
68 T	m/p-Xylenes	0.709	0.772	-8.9	118	0.00
69 T	o-Xylene	0.692	0.743	-7.4	117	0.00
70 T	Styrene	1.096	1.199	-9.4	118	0.00
71 P	Bromoform	0.281	0.329	-17.1	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.526	3.862	-9.5	120	0.00
74 T	N-amyl acetate	1.420	1.519	-7.0	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.119	1.157	-3.4	115	0.00
76 T	1,2,3-Trichloropropane	1.013	1.095	-8.1	117	0.00
77 T	Bromobenzene	0.971	1.011	-4.1	115	0.00
78 T	n-propylbenzene	3.870	4.344	-12.2	121	0.00
79 T	2-Chlorotoluene	2.330	2.494	-7.0	120	0.00
80 T	1,3,5-Trimethylbenzene	2.946	3.194	-8.4	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.285	0.348	-22.1#	119	0.00
82 T	4-Chlorotoluene	2.698	2.925	-8.4	119	0.00
83 T	tert-Butylbenzene	2.939	3.220	-9.6	119	0.00
84 T	1,2,4-Trimethylbenzene	2.962	3.257	-10.0	119	0.00
85 T	sec-Butylbenzene	3.510	3.888	-10.8	121	0.00
86 T	p-Isopropyltoluene	3.140	3.513	-11.9	122	0.00
87 T	1,3-Dichlorobenzene	1.756	1.852	-5.5	120	0.00
88 T	1,4-Dichlorobenzene	1.806	1.862	-3.1	121	0.00
89 T	n-Butylbenzene	2.677	3.087	-15.3	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.443	0.551	-24.4#	124	0.00
91 T	1,2-Dichlorobenzene	1.733	1.816	-4.8	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.221	0.244	-10.4	115	0.00
93 T	1,2,4-Trichlorobenzene	1.189	1.316	-10.7	123	0.00
94 T	Hexachlorobutadiene	0.528	0.603	-14.2	127	0.00
95 T	Naphthalene	3.602	3.928	-9.1	121	0.00
96 T	1,2,3-Trichlorobenzene	1.181	1.281	-8.5	122	0.00

(#) = Out of Range

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