

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX121018\
 Data File : VX006386.D
 Acq On : 10 Dec 2018 22:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 05:37:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 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	73	0.00
2 T	Dichlorodifluoromethane	0.490	0.490	0.0	68	0.00
3 P	Chloromethane	0.503	0.459	8.7	66	0.00
4 C	Vinyl Chloride	0.541	0.513	5.2#	68	0.00
5 T	Bromomethane	0.375	0.430	-14.7	90	0.00
6 T	Chloroethane	0.332	0.322	3.0	69	0.00
7 T	Trichlorofluoromethane	0.831	0.817	1.7	72	0.00
8 T	Diethyl Ether	0.315	0.309	1.9	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.470	0.6	74	0.00
10 T	Methyl Iodide	0.712	0.721	-1.3	73	0.00
11 T	Tert butyl alcohol	0.140	0.128	8.6	69	0.00
12 CM	1,1-Dichloroethene	0.452	0.435	3.8#	73	0.00
13 T	Acrolein	0.076	0.069	9.2	69	0.00
14 T	Allyl chloride	0.894	0.784	12.3	65	0.00
15 T	Acrylonitrile	0.291	0.281	3.4	71	0.00
16 T	Acetone	0.240	0.229	4.6	71	0.00
17 T	Carbon Disulfide	1.394	1.145	17.9	61	0.00
18 T	Methyl Acetate	0.801	0.802	-0.1	74	0.00
19 T	Methyl tert-butyl Ether	1.614	1.588	1.6	74	0.00
20 T	Methylene Chloride	0.510	0.497	2.5	76	0.00
21 T	trans-1,2-Dichloroethene	0.482	0.465	3.5	73	0.00
22 T	Diisopropyl ether	1.396	1.431	-2.5	77	0.00
23 T	Vinyl Acetate	1.191	1.169	1.8	72	0.00
24 P	1,1-Dichloroethane	0.798	0.810	-1.5	77	0.00
25 T	2-Butanone	0.342	0.344	-0.6	75	0.00
26 T	2,2-Dichloropropane	0.736	0.642	12.8	66	0.00
27 T	cis-1,2-Dichloroethene	0.538	0.563	-4.6	79	0.00
28 T	Bromochloromethane	0.349	0.367	-5.2	76	0.00
29 T	Tetrahydrofuran	0.238	0.231	2.9	73	0.00
30 C	Chloroform	0.838	0.880	-5.0#	79	0.00
31 T	Cyclohexane	0.737	0.697	5.4	71	0.00
32 T	1,1,1-Trichloroethane	0.798	0.798	0.0	76	0.00
33 S	1,2-Dichloroethane-d4	0.510	0.528	-3.5	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.324	0.321	0.9	77	0.00
36 T	1,1-Dichloropropene	0.421	0.393	6.7	73	0.00
37 T	Ethyl Acetate	0.472	0.431	8.7	72	0.00
38 T	Carbon Tetrachloride	0.495	0.464	6.3	73	0.00
39 T	Methylcyclohexane	0.547	0.510	6.8	73	0.00
40 TM	Benzene	1.261	1.236	2.0	77	0.00
41 T	Methacrylonitrile	0.259	0.240	7.3	75	0.00
42 TM	1,2-Dichloroethane	0.413	0.417	-1.0	79	0.00
43 T	Isopropyl Acetate	0.786	0.712	9.4	71	0.00
44 TM	Trichloroethene	0.382	0.368	3.7	75	0.00
45 C	1,2-Dichloropropane	0.321	0.313	2.5#	77	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.231	0.226	2.2	77	0.00
47 T	Bromodichloromethane	0.448	0.427	4.7	74	0.00
48 T	Methyl methacrylate	0.382	0.355	7.1	72	0.00
49 T	1,4-Dioxane	0.009	0.009	0.0	76	0.00
50 S	Toluene-d8	1.178	1.162	1.4	76	0.00
51 T	4-Methyl-2-Pentanone	0.458	0.436	4.8	73	0.00
52 CM	Toluene	0.830	0.812	2.2#	77	0.00
53 T	t-1,3-Dichloropropene	0.524	0.472	9.9	70	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.501	7.9	72	0.00
55 T	1,1,2-Trichloroethane	0.337	0.347	-3.0	80	0.00
56 T	Ethyl methacrylate	0.527	0.513	2.7	76	0.00
57 T	1,3-Dichloropropane	0.533	0.535	-0.4	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.267	0.256	4.1	76	0.00
59 T	2-Hexanone	0.350	0.326	6.9	72	0.00
60 T	Dibromochloromethane	0.416	0.397	4.6	74	0.00
61 T	1,2-Dibromoethane	0.377	0.374	0.8	78	0.00
62 S	4-Bromofluorobenzene	0.444	0.446	-0.5	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.377	0.360	4.5	77	0.00
65 PM	Chlorobenzene	1.061	1.062	-0.1	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.412	0.399	3.2	76	0.00
67 C	Ethyl Benzene	1.765	1.725	2.3#	77	0.00
68 T	m/p-Xylenes	0.707	0.690	2.4	76	0.00
69 T	o-Xylene	0.698	0.688	1.4	78	0.00
70 T	Styrene	1.130	1.115	1.3	76	0.00
71 P	Bromoform	0.389	0.338	13.1	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.453	3.507	-1.6	77	0.00
74 T	N-amyl acetate	1.487	1.348	9.3	70	0.00
75 P	1,1,2,2-Tetrachloroethane	1.105	1.104	0.1	78	0.00
76 T	1,2,3-Trichloropropane	0.965	1.016	-5.3	75	0.00
77 T	Bromobenzene	0.958	0.970	-1.3	77	0.00
78 T	n-propylbenzene	3.838	3.875	-1.0	76	0.00
79 T	2-Chlorotoluene	2.281	2.307	-1.1	77	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.887	-0.5	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.411	0.344	16.3	64	0.00
82 T	4-Chlorotoluene	2.652	2.655	-0.1	76	0.00
83 T	tert-Butylbenzene	3.065	3.066	-0.0	77	0.00
84 T	1,2,4-Trimethylbenzene	2.967	2.972	-0.2	78	0.00
85 T	sec-Butylbenzene	3.487	3.544	-1.6	77	0.00
86 T	p-Isopropyltoluene	3.140	3.183	-1.4	77	0.00
87 T	1,3-Dichlorobenzene	1.705	1.707	-0.1	76	0.00
88 T	1,4-Dichlorobenzene	1.731	1.697	2.0	76	0.00
89 T	n-Butylbenzene	2.679	2.671	0.3	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.640	0.589	8.0	69	0.00
91 T	1,2-Dichlorobenzene	1.692	1.689	0.2	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.256	9.5	73	0.00
93 T	1,2,4-Trichlorobenzene	1.235	1.197	3.1	75	0.00
94 T	Hexachlorobutadiene	0.546	0.548	-0.4	76	0.00
95 T	Naphthalene	3.840	3.841	-0.0	77	0.00
96 T	1,2,3-Trichlorobenzene	1.223	1.216	0.6	77	0.00

(#) = Out of Range

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