

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090718\
 Data File : VX004401.D
 Acq On : 07 Sep 2018 11:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 03:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 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	114	0.00
2 T	Dichlorodifluoromethane	0.579	0.433	25.2#	79	0.00
3 P	Chloromethane	0.675	0.497	26.4#	88	0.00
4 C	Vinyl Chloride	0.655	0.561	14.4#	95	0.00
5 T	Bromomethane	0.397	0.273	31.2#	94	0.00
6 T	Chloroethane	0.476	0.401	15.8	105	0.00
7 T	Trichlorofluoromethane	0.898	0.800	10.9	101	0.00
8 T	Diethyl Ether	0.384	0.363	5.5	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.562	0.520	7.5	109	0.00
10 T	Methyl Iodide	0.578	0.579	-0.2	106	0.00
11 T	Tert butyl alcohol	0.139	0.123	11.5	101	-0.02
12 CM	1,1-Dichloroethene	0.530	0.470	11.3#	104	0.00
13 T	Acrolein	0.033	0.040	-21.2#	140	0.00
14 T	Allyl chloride	0.973	0.918	5.7	108	0.00
15 T	Acrylonitrile	0.344	0.317	7.8	109	0.00
16 T	Acetone	0.310	0.260	16.1	108	0.00
17 T	Carbon Disulfide	1.557	1.176	24.5#	92	0.00
18 T	Methyl Acetate	0.967	1.136	-17.5	133	0.00
19 T	Methyl tert-butyl Ether	1.746	1.697	2.8	113	0.00
20 T	Methylene Chloride	0.627	0.552	12.0	109	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.511	12.8	105	0.00
22 T	Diisopropyl ether	1.817	1.724	5.1	111	0.00
23 T	Vinyl Acetate	1.473	1.335	9.4	104	0.00
24 P	1,1-Dichloroethane	1.059	0.998	5.8	108	0.00
25 T	2-Butanone	0.484	0.413	14.7	108	0.00
26 T	2,2-Dichloropropane	0.831	0.814	2.0	113	0.00
27 T	cis-1,2-Dichloroethene	0.665	0.617	7.2	109	0.00
28 T	Bromochloromethane	0.469	0.454	3.2	106	0.00
29 T	Tetrahydrofuran	0.280	0.260	7.1	106	0.00
30 C	Chloroform	1.062	0.984	7.3#	108	0.00
31 T	Cyclohexane	0.914	0.836	8.5	103	0.00
32 T	1,1,1-Trichloroethane	0.885	0.832	6.0	107	0.00
33 S	1,2-Dichloroethane-d4	0.652	0.580	11.0	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.372	0.362	2.7	113	0.00
36 T	1,1-Dichloropropene	0.562	0.523	6.9	104	0.00
37 T	Ethyl Acetate	0.553	0.510	7.8	102	0.00
38 T	Carbon Tetrachloride	0.529	0.505	4.5	104	0.00
39 T	Methylcyclohexane	0.642	0.637	0.8	110	0.00
40 TM	Benzene	1.680	1.599	4.8	106	0.00
41 T	Methacrylonitrile	0.320	0.316	1.3	109	0.00
42 TM	1,2-Dichloroethane	0.573	0.527	8.0	103	0.00
43 T	Isopropyl Acetate	0.849	0.851	-0.2	109	0.00
44 TM	Trichloroethene	0.465	0.443	4.7	109	0.00
45 C	1,2-Dichloropropane	0.420	0.420	0.0	110	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.280	0.260	7.1	104	0.00
47 T	Bromodichloromethane	0.521	0.522	-0.2	108	0.00
48 T	Methyl methacrylate	0.455	0.452	0.7	106	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	102	0.00
50 S	Toluene-d8	1.404	1.356	3.4	109	0.00
51 T	4-Methyl-2-Pentanone	0.617	0.573	7.1	106	0.00
52 CM	Toluene	1.051	1.027	2.3#	107	0.00
53 T	t-1,3-Dichloropropene	0.575	0.604	-5.0	111	0.00
54 T	cis-1,3-Dichloropropene	0.627	0.657	-4.8	111	0.00
55 T	1,1,2-Trichloroethane	0.424	0.417	1.7	108	0.00
56 T	Ethyl methacrylate	0.578	0.623	-7.8	113	0.00
57 T	1,3-Dichloropropane	0.715	0.707	1.1	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.296	0.259	12.5	89	0.00
59 T	2-Hexanone	0.471	0.440	6.6	106	0.00
60 T	Dibromochloromethane	0.414	0.426	-2.9	109	0.00
61 T	1,2-Dibromoethane	0.439	0.429	2.3	107	0.00
62 S	4-Bromofluorobenzene	0.524	0.530	-1.1	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
64 T	Tetrachloroethene	0.494	0.494	0.0	119	0.00
65 PM	Chlorobenzene	1.255	1.198	4.5	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.433	0.433	0.0	116	0.00
67 C	Ethyl Benzene	2.038	2.017	1.0#	112	0.00
68 T	m/p-Xylenes	0.797	0.829	-4.0	116	0.00
69 T	o-Xylene	0.754	0.763	-1.2	111	0.00
70 T	Styrene	1.221	1.285	-5.2	113	0.00
71 P	Bromoform	0.349	0.350	-0.3	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.284	3.450	-5.1	110	0.00
74 T	N-amyl acetate	1.264	1.263	0.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	1.149	1.063	7.5	104	0.00
76 T	1,2,3-Trichloropropane	1.017	1.008	0.9	109	0.00
77 T	Bromobenzene	0.921	0.906	1.6	109	0.00
78 T	n-propylbenzene	3.777	3.983	-5.5	109	0.00
79 T	2-Chlorotoluene	2.325	2.330	-0.2	109	0.00
80 T	1,3,5-Trimethylbenzene	2.720	2.882	-6.0	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.313	0.333	-6.4	112	0.00
82 T	4-Chlorotoluene	2.736	2.732	0.1	108	0.00
83 T	tert-Butylbenzene	2.736	2.905	-6.2	110	0.00
84 T	1,2,4-Trimethylbenzene	2.792	2.974	-6.5	108	0.00
85 T	sec-Butylbenzene	3.249	3.603	-10.9	116	0.00
86 T	p-Isopropyltoluene	2.911	3.237	-11.2	113	0.00
87 T	1,3-Dichlorobenzene	1.734	1.710	1.4	111	0.00
88 T	1,4-Dichlorobenzene	1.829	1.719	6.0	109	0.00
89 T	n-Butylbenzene	2.367	2.831	-19.6	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.407	0.458	-12.5	122	0.00
91 T	1,2-Dichlorobenzene	1.585	1.708	-7.8	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.202	0.202	0.0	107	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.244	-7.9	121	0.00
94 T	Hexachlorobutadiene	0.566	0.633	-11.8	128	0.00
95 T	Naphthalene	3.262	3.681	-12.8	111	0.00
96 T	1,2,3-Trichlorobenzene	1.221	1.300	-6.5	116	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5