

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100918\
 Data File : VX005180.D
 Acq On : 10 Oct 2018 00:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 10 08:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 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	67	0.00
2 T	Dichlorodifluoromethane	0.682	0.888	-30.2#	74	0.00
3 P	Chloromethane	0.827	0.904	-9.3	68	0.00
4 C	Vinyl Chloride	0.776	1.006	-29.6#	81	0.00
5 T	Bromomethane	0.460	0.523	-13.7	73	0.00
6 T	Chloroethane	0.495	0.511	-3.2	75	0.00
7 T	Trichlorofluoromethane	0.960	1.120	-16.7	70	0.00
8 T	Diethyl Ether	0.417	0.437	-4.8	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.547	0.608	-11.2	76	0.00
10 T	Methyl Iodide	0.732	0.743	-1.5	58	0.00
11 T	Tert butyl alcohol	0.200	0.221	-10.5	73	0.00
12 CM	1,1-Dichloroethene	0.542	0.592	-9.2#	75	0.00
13 T	Acrolein	0.142	0.133	6.3	64	0.00
14 T	Allyl chloride	1.182	1.295	-9.6	71	0.00
15 T	Acrylonitrile	0.440	0.483	-9.8	70	0.00
16 T	Acetone	0.417	0.435	-4.3	67	0.00
17 T	Carbon Disulfide	1.628	1.759	-8.0	70	0.00
18 T	Methyl Acetate	1.056	1.224	-15.9	77	0.00
19 T	Methyl tert-butyl Ether	1.869	2.130	-14.0	77	0.00
20 T	Methylene Chloride	0.670	0.680	-1.5	66	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.625	-5.4	68	0.00
22 T	Diisopropyl ether	1.991	2.121	-6.5	69	0.00
23 T	Vinyl Acetate	1.822	1.908	-4.7	65	0.00
24 P	1,1-Dichloroethane	1.187	1.270	-7.0	68	0.00
25 T	2-Butanone	0.615	0.633	-2.9	67	0.00
26 T	2,2-Dichloropropane	0.827	0.664	19.7	54	0.01
27 T	cis-1,2-Dichloroethene	0.663	0.682	-2.9	66	0.00
28 T	Bromochloromethane	0.559	0.515	7.9	63	0.00
29 T	Tetrahydrofuran	0.382	0.416	-8.9	68	0.00
30 C	Chloroform	1.122	1.133	-1.0#	70	0.00
31 T	Cyclohexane	0.909	1.027	-13.0	67	0.00
32 T	1,1,1-Trichloroethane	0.916	0.990	-8.1	72	0.00
33 S	1,2-Dichloroethane-d4	0.714	0.716	-0.3	63	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.424	0.390	8.0	59	0.00
36 T	1,1-Dichloropropene	0.578	0.598	-3.5	71	-0.01
37 T	Ethyl Acetate	0.767	0.764	0.4	67	0.00
38 T	Carbon Tetrachloride	0.608	0.603	0.8	68	0.00
39 T	Methylcyclohexane	0.590	0.664	-12.5	77	0.00
40 TM	Benzene	1.810	1.888	-4.3	73	0.00
41 T	Methacrylonitrile	0.426	0.422	0.9	64	0.00
42 TM	1,2-Dichloroethane	0.640	0.630	1.6	68	0.00
43 T	Isopropyl Acetate	1.108	1.124	-1.4	64	0.00
44 TM	Trichloroethene	0.445	0.473	-6.3	79	0.00
45 C	1,2-Dichloropropane	0.444	0.467	-5.2#	76	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.279	0.302	-8.2	78	0.00
47 T	Bromodichloromethane	0.522	0.584	-11.9	79	0.00
48 T	Methyl methacrylate	0.503	0.600	-19.3	79	0.00
49 T	1,4-Dioxane	0.012	0.014	-16.7	73	0.00
50 S	Toluene-d8	1.409	1.434	-1.8	73	0.00
51 T	4-Methyl-2-Pentanone	0.697	0.812	-16.5	78	0.00
52 CM	Toluene	0.995	1.098	-10.4#	74	0.00
53 T	t-1,3-Dichloropropene	0.590	0.619	-4.9	67	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.676	-9.4	74	0.00
55 T	1,1,2-Trichloroethane	0.436	0.449	-3.0	69	0.00
56 T	Ethyl methacrylate	0.628	0.714	-13.7	73	0.00
57 T	1,3-Dichloropropane	0.725	0.755	-4.1	68	0.00
58 T	2-Chloroethyl Vinyl ether	0.331	0.360	-8.8	68	0.00
59 T	2-Hexanone	0.581	0.649	-11.7	70	0.00
60 T	Dibromochloromethane	0.436	0.477	-9.4	67	0.00
61 T	1,2-Dibromoethane	0.467	0.477	-2.1	65	0.00
62 S	4-Bromofluorobenzene	0.508	0.546	-7.5	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.492	0.508	-3.3	73	0.00
65 PM	Chlorobenzene	1.282	1.283	-0.1	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.451	0.474	-5.1	77	0.00
67 C	Ethyl Benzene	2.036	2.206	-8.3#	79	0.00
68 T	m/p-Xylenes	0.795	0.860	-8.2	75	0.00
69 T	o-Xylene	0.731	0.826	-13.0	80	0.00
70 T	Styrene	1.227	1.404	-14.4	79	0.00
71 P	Bromoform	0.386	0.414	-7.3	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.152	3.535	-12.2	81	0.00
74 T	N-amyl acetate	1.531	1.704	-11.3	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.283	1.243	3.1	79	0.00
76 T	1,2,3-Trichloropropane	1.121	1.158	-3.3	81	0.00
77 T	Bromobenzene	0.915	0.944	-3.2	80	0.00
78 T	n-propylbenzene	3.616	4.095	-13.2	81	0.00
79 T	2-Chlorotoluene	2.254	2.430	-7.8	80	0.00
80 T	1,3,5-Trimethylbenzene	2.664	3.030	-13.7	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.367	0.328	10.6	69	0.00
82 T	4-Chlorotoluene	2.653	2.873	-8.3	80	0.00
83 T	tert-Butylbenzene	2.595	2.996	-15.5	84	0.00
84 T	1,2,4-Trimethylbenzene	2.728	3.116	-14.2	81	0.00
85 T	sec-Butylbenzene	3.161	3.605	-14.0	83	0.00
86 T	p-Isopropyltoluene	2.863	3.251	-13.6	82	0.00
87 T	1,3-Dichlorobenzene	1.709	1.754	-2.6	80	0.00
88 T	1,4-Dichlorobenzene	1.765	1.771	-0.3	80	0.00
89 T	n-Butylbenzene	2.601	2.841	-9.2	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.477	0.517	-8.4	87	0.00
91 T	1,2-Dichlorobenzene	1.786	1.783	0.2	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.282	0.312	-10.6	88	0.00
93 T	1,2,4-Trichlorobenzene	1.253	1.338	-6.8	81	0.00
94 T	Hexachlorobutadiene	0.650	0.650	0.0	82	0.00
95 T	Naphthalene	3.727	4.259	-14.3	81	0.00
96 T	1,2,3-Trichlorobenzene	1.294	1.394	-7.7	82	0.00

(#) = Out of Range

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