

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX012420\
 Data File : VX014689.D
 Acq On : 24 Jan 2020 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 22:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 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	104	0.00
2 T	Dichlorodifluoromethane	0.598	0.672	-12.4	101	0.00
3 P	Chloromethane	0.676	0.652	3.6	97	0.00
4 C	Vinyl Chloride	0.731	0.756	-3.4#	98	0.00
5 T	Bromomethane	0.497	0.453	8.9	96	0.00
6 T	Chloroethane	0.458	0.410	10.5	95	0.00
7 T	Trichlorofluoromethane	0.852	0.825	3.2	101	0.00
8 T	Diethyl Ether	0.372	0.348	6.5	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.500	0.500	0.0	104	0.00
10 T	Methyl Iodide	0.656	0.658	-0.3	94	0.00
11 T	Tert butyl alcohol	0.131	0.104	20.6#	94	0.00
12 CM	1,1-Dichloroethene	0.497	0.479	3.6#	100	0.00
13 T	Acrolein	0.103	0.087	15.5	90	0.00
14 T	Allyl chloride	0.893	0.870	2.6	97	0.00
15 T	Acrylonitrile	0.303	0.278	8.3	96	0.00
16 T	Acetone	0.348	0.294	15.5	96	0.00
17 T	Carbon Disulfide	1.358	1.311	3.5	98	0.00
18 T	Methyl Acetate	0.913	0.835	8.5	95	0.00
19 T	Methyl tert-butyl Ether	1.628	1.574	3.3	98	0.00
20 T	Methylene Chloride	0.592	0.543	8.3	99	0.00
21 T	trans-1,2-Dichloroethene	0.547	0.513	6.2	99	0.00
22 T	Diisopropyl ether	1.777	1.766	0.6	98	0.00
23 T	Vinyl Acetate	1.355	1.370	-1.1	103	0.00
24 P	1,1-Dichloroethane	0.965	0.949	1.7	100	0.00
25 T	2-Butanone	0.458	0.417	9.0	95	0.00
26 T	2,2-Dichloropropane	0.773	0.755	2.3	99	0.00
27 T	cis-1,2-Dichloroethene	0.613	0.587	4.2	100	0.00
28 T	Bromochloromethane	0.424	0.393	7.3	102	0.00
29 T	Tetrahydrofuran	0.272	0.247	9.2	94	0.00
30 C	Chloroform	0.956	0.904	5.4#	97	0.00
31 T	Cyclohexane	0.908	0.897	1.2	99	0.00
32 T	1,1,1-Trichloroethane	0.808	0.782	3.2	101	0.00
33 S	1,2-Dichloroethane-d4	0.584	0.564	3.4	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.315	0.309	1.9	99	0.00
36 T	1,1-Dichloropropene	0.465	0.482	-3.7	99	0.00
37 T	Ethyl Acetate	0.532	0.515	3.2	96	0.00
38 T	Carbon Tetrachloride	0.444	0.459	-3.4	101	0.00
39 T	Methylcyclohexane	0.582	0.620	-6.5	101	0.00
40 TM	Benzene	1.436	1.442	-0.4	98	0.00
41 T	Methacrylonitrile	0.319	0.281	11.9	93	0.00
42 TM	1,2-Dichloroethane	0.496	0.503	-1.4	100	0.00
43 T	Isopropyl Acetate	0.871	0.844	3.1	96	0.00
44 TM	Trichloroethene	0.405	0.398	1.7	98	0.00
45 C	1,2-Dichloropropane	0.370	0.382	-3.2#	100	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	0.240	0.241	-0.4	98	0.00
47 T	Bromodichloromethane	0.470	0.490	-4.3	100	0.00
48 T	Methyl methacrylate	0.416	0.425	-2.2	96	0.00
49 T	1,4-Dioxane	0.009	0.008	11.1	100	0.00
50 S	Toluene-d8	1.213	1.212	0.1	101	0.00
51 T	4-Methyl-2-Pentanone	0.550	0.531	3.5	96	0.00
52 CM	Toluene	0.882	0.915	-3.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.506	0.537	-6.1	99	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.599	-7.7	99	0.00
55 T	1,1,2-Trichloroethane	0.361	0.369	-2.2	99	0.00
56 T	Ethyl methacrylate	0.544	0.581	-6.8	98	0.00
57 T	1,3-Dichloropropane	0.618	0.620	-0.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.182	0.190	-4.4	95	0.00
59 T	2-Hexanone	0.427	0.414	3.0	95	0.00
60 T	Dibromochloromethane	0.377	0.391	-3.7	100	0.00
61 T	1,2-Dibromoethane	0.382	0.382	0.0	98	0.00
62 S	4-Bromofluorobenzene	0.432	0.432	0.0	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.495	0.471	4.8	92	0.00
65 PM	Chlorobenzene	1.069	1.056	1.2	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.392	0.5	101	0.00
67 C	Ethyl Benzene	1.826	1.899	-4.0#	100	0.00
68 T	m/p-Xylenes	0.692	0.723	-4.5	99	0.00
69 T	o-Xylene	0.668	0.690	-3.3	100	0.00
70 T	Styrene	1.120	1.204	-7.5	100	0.00
71 P	Bromoform	0.314	0.322	-2.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.516	3.664	-4.2	101	0.00
74 T	N-amyl acetate	1.541	1.568	-1.8	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.255	1.149	8.4	98	0.00
76 T	1,2,3-Trichloropropane	1.163	0.980	15.7	85	0.00
77 T	Bromobenzene	0.944	0.944	0.0	101	0.00
78 T	n-propylbenzene	3.991	4.234	-6.1	102	0.00
79 T	2-Chlorotoluene	2.415	2.465	-2.1	101	0.00
80 T	1,3,5-Trimethylbenzene	2.918	3.076	-5.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.409	0.395	3.4	96	0.00
82 T	4-Chlorotoluene	2.749	2.872	-4.5	102	0.00
83 T	tert-Butylbenzene	2.742	2.869	-4.6	105	0.00
84 T	1,2,4-Trimethylbenzene	2.927	3.098	-5.8	102	0.00
85 T	sec-Butylbenzene	3.359	3.611	-7.5	102	0.00
86 T	p-Isopropyltoluene	3.104	3.328	-7.2	103	0.00
87 T	1,3-Dichlorobenzene	1.697	1.687	0.6	101	0.00
88 T	1,4-Dichlorobenzene	1.700	1.685	0.9	102	0.00
89 T	n-Butylbenzene	2.704	2.959	-9.4	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.581	-0.7	103	0.00
91 T	1,2-Dichlorobenzene	1.686	1.685	0.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.242	10.4	95	0.00
93 T	1,2,4-Trichlorobenzene	1.087	1.154	-6.2	103	0.00
94 T	Hexachlorobutadiene	0.559	0.570	-2.0	102	0.00
95 T	Naphthalene	3.127	3.359	-7.4	99	0.00
96 T	1,2,3-Trichlorobenzene	1.099	1.153	-4.9	100	0.00

(#) = Out of Range

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