

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012519\
 Data File : VX007228.D
 Acq On : 25 Jan 2019 14:32
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 28 11:05:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	99	0.00
2 M	Dichlorodifluoromethane	1.347	1.263	6.2	104	0.00
3 M	Chloromethane	1.506	1.532	-1.7	106	0.00
4 M	Vinyl Chloride	1.708	1.696	0.7	104	0.00
5 M	Bromomethane	1.781	1.606	9.8	95	0.00
6 M	Chloroethane	1.151	1.135	1.4	106	0.00
7 M	Trichlorofluoromethane	2.884	2.764	4.2	102	0.00
8 T	Diethyl Ether	1.090	1.105	-1.4	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.704	1.670	2.0	105	0.00
10 M	1,1-Dichloroethene	1.548	1.515	2.1	103	0.00
11	Methyl Iodide	2.512	2.259	10.1	96	0.00
12	Methyl Acetate	2.637	2.735	-3.7	108	0.00
13 M	Acrolein	0.191	0.181	5.2	107	0.00
14 M	Acrylonitrile	0.987	1.017	-3.0	105	0.00
15 M	Acetone	0.281	0.275	2.1	98	0.00
16 M	Carbon Disulfide	3.734	3.547	5.0	107	0.00
17	Allyl chloride	2.692	2.699	-0.3	106	0.00
18 M	Methylene Chloride	1.785	1.826	-2.3	105	0.00
19 M	trans-1,2-Dichloroethene	1.677	1.641	2.1	105	0.00
20 T	Diisopropyl ether	5.012	4.987	0.5	102	0.00
21 M	1,1-Dichloroethane	2.863	2.802	2.1	100	0.00
22 M	cis-1,2-Dichloroethene	1.844	1.835	0.5	104	0.00
23 M	tert-Butyl Alcohol	0.415	0.439	-5.8	107	0.00
24 M	Methyl tert-Butyl Ether	5.423	5.518	-1.8	106	0.00
25 M	Chloroform	2.959	2.974	-0.5	103	0.00
26	Cyclohexane	2.411	2.384	1.1	105	0.00
27 s	1,2-Dichloroethane-d4	1.969	1.992	-1.2	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.391	0.380	2.8	103	0.00
30 M	2-Butanone	0.234	0.235	-0.4	102	0.00
31	2,2-Dichloropropane	0.395	0.339	14.2	94	0.00
32 M	1,1,1-Trichloroethane	0.462	0.430	6.9	100	0.00
33 M	Carbon Tetrachloride	0.406	0.378	6.9	104	0.00
34 M	Benzene	1.206	1.185	1.7	104	0.00
35	Methacrylonitrile	0.239	0.227	5.0	101	0.00
36 M	1,2-Dichloroethane	0.416	0.403	3.1	103	0.00
37 M	Trichloroethene	0.356	0.347	2.5	103	0.00
38	Methylcyclohexane	0.496	0.463	6.7	104	0.00
39 M	1,2-Dichloropropane	0.303	0.292	3.6	103	0.00
40	Dibromomethane	0.218	0.217	0.5	107	0.00
41 M	Bromodichloromethane	0.382	0.353	7.6	102	0.00
42 M	Vinyl Acetate	0.792	0.744	6.1	101	0.00
43	Ethyl Acetate	0.436	0.428	1.8	104	0.00
44	Isopropyl Acetate	0.681	0.657	3.5	106	0.00
45 T	1,4-Dioxane	0.008	0.009#	-12.5	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.348	0.342	1.7	104	0.00
47	n-amyl Acetate	0.599	0.576	3.8	103	0.00
48 M	t-1,3-Dichloropropene	0.417	0.382	8.4	104	0.00
49 T	cis-1,3-Dichloropropene	0.463	0.434	6.3	103	0.00
50 M	1,1,2-Trichloroethane	0.327	0.327	0.0	106	0.00
51	Ethyl methacrylate	0.467	0.453	3.0	105	0.00
52	1,3-Dichloropropane	0.524	0.521	0.6	106	0.00
53 M	Dibromochloromethane	0.331	0.307	7.3	103	0.00
54 M	1,2-Dibromoethane	0.352	0.352	0.0	105	0.00
55 M	2-Chloroethyl vinyl ether	0.257	0.251	2.3	102	0.00
56 M	Bromoform	0.251	0.226	10.0	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.502	0.514	-2.4	105	0.00
59 M	2-Hexanone	0.388	0.394	-1.5	102	0.00
60 S	4-Bromofluorobenzene	0.463	0.470	-1.5	102	0.00
61 M	Tetrachloroethene	0.418	0.406	2.9	96	0.00
62 M	Toluene	1.510	1.480	2.0	103	0.00
63 S	Toluene-d8	1.352	1.342	0.7	101	0.00
64 M	Chlorobenzene	0.996	0.973	2.3	103	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.352	0.3	108	0.00
66 M	Ethyl Benzene	1.636	1.590	2.8	103	0.00
67 M	m/p-Xylenes	0.646	0.638	1.2	104	0.00
68 M	o-Xylene	0.633	0.601	5.1	100	0.00
69 M	Styrene	1.021	1.011	1.0	106	0.00
70	Isopropylbenzene	1.676	1.639	2.2	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.536	0.544	-1.5	106	0.00
72	1,2,3-Trichloropropane	0.504	0.439	12.9	89	0.00
73	Bromobenzene	0.464	0.447	3.7	102	0.00
74	n-propylbenzene	1.886	1.813	3.9	101	0.00
75	2-Chlorotoluene	1.118	1.075	3.8	101	0.00
76	1,3,5-Trimethylbenzene	1.399	1.355	3.1	102	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.126	14.3	105	0.00
78	4-Chlorotoluene	1.302	1.249	4.1	101	0.00
79	tert-butylbenzene	1.513	1.458	3.6	103	0.00
80	1,2,4-Trimethylbenzene	1.416	1.388	2.0	102	0.00
81	sec-Butylbenzene	1.686	1.638	2.8	102	0.00
82	p-Isopropyltoluene	1.513	1.458	3.6	103	0.00
83 M	1,3-Dichlorobenzene	0.824	0.786	4.6	101	0.00
84 M	1,4-Dichlorobenzene	0.825	0.797	3.4	101	0.00
85	n-Butylbenzene	1.299	1.203	7.4	103	0.00
86 T	Hexachloroethane	0.234	0.204	12.8	100	0.00
87 M	1,2-Dichlorobenzene	0.821	0.805	1.9	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.109	0.108	0.9	110	0.00
89	1,2,4-Trichlorobenzene	0.564	0.545	3.4	106	0.00
90	Hexachlorobutadiene	0.269	0.262	2.6	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.706	1.690	0.9	107	0.00
92	1,2,3-Trichlorobenzene	0.559	0.546	2.3	105	0.00

(#) = Out of Range

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