

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX050219\
 Data File : VX009265.D
 Acq On : 02 May 2019 09:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 07:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	102	0.00
2 M	Dichlorodifluoromethane	1.594	1.600	-0.4	104	0.00
3 M	Chloromethane	2.143	2.133	0.5	104	0.00
4 M	Vinyl Chloride	2.138	2.076	2.9	100	0.00
5 M	Bromomethane	1.355	1.171	13.6	100	0.00
6 M	Chloroethane	1.402	1.281	8.6	92	0.00
7 M	Trichlorofluoromethane	2.640	2.627	0.5	104	0.00
8 T	Diethyl Ether	1.226	1.199	2.2	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.634	1.699	-4.0	108	0.00
10 M	1,1-Dichloroethene	1.641	1.633	0.5	103	0.00
11	Methyl Iodide	1.784	1.557	12.7	97	0.00
12	Methyl Acetate	3.091	2.841	8.1	98	0.00
13 M	Acrolein	0.424	0.360	15.1	95	0.00
14 M	Acrylonitrile	1.341	1.264	5.7	99	0.00
15 M	Acetone	0.385	0.378	1.8	100	0.00
16 M	Carbon Disulfide	4.440	4.329	2.5	102	0.00
17	Allyl chloride	3.939	3.826	2.9	102	0.00
18 M	Methylene Chloride	1.983	1.942	2.1	103	0.00
19 M	trans-1,2-Dichloroethene	1.750	1.709	2.3	102	0.00
20 T	Diisopropyl ether	7.758	7.602	2.0	102	0.00
21 M	1,1-Dichloroethane	3.754	3.655	2.6	103	0.00
22 M	cis-1,2-Dichloroethene	2.107	2.048	2.8	102	-0.01
23 M	tert-Butyl Alcohol	0.567	0.515	9.2	99	0.00
24 M	Methyl tert-Butyl Ether	6.422	6.139	4.4	102	0.00
25 M	Chloroform	3.426	3.359	2.0	102	0.00
26	Cyclohexane	3.499	3.489	0.3	103	0.00
27 s	1,2-Dichloroethane-d4	2.489	2.431	2.3	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.440	0.450	-2.3	104	0.00
30 M	2-Butanone	0.345	0.340	1.4	100	0.00
31	2,2-Dichloropropane	0.485	0.489	-0.8	103	0.00
32 M	1,1,1-Trichloroethane	0.477	0.477	0.0	105	0.00
33 M	Carbon Tetrachloride	0.399	0.398	0.3	103	0.00
34 M	Benzene	1.357	1.377	-1.5	102	0.00
35	Methacrylonitrile	0.361	0.361	0.0	101	0.00
36 M	1,2-Dichloroethane	0.492	0.501	-1.8	103	0.00
37 M	Trichloroethene	0.327	0.330	-0.9	105	0.00
38	Methylcyclohexane	0.544	0.569	-4.6	107	0.00
39 M	1,2-Dichloropropane	0.386	0.389	-0.8	103	0.00
40	Dibromomethane	0.219	0.224	-2.3	104	0.00
41 M	Bromodichloromethane	0.448	0.446	0.4	104	0.00
42 M	Vinyl Acetate	1.138	1.142	-0.4	101	0.00
43	Ethyl Acetate	0.623	0.610	2.1	97	0.00
44	Isopropyl Acetate	1.009	0.967	4.2	100	0.00
45 T	1,4-Dioxane	0.010	0.010#	0.0	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.504	0.481	4.6	98	0.00
47	n-amyl Acetate	0.909	0.860	5.4	100	0.00
48 M	t-1,3-Dichloropropene	0.523	0.506	3.3	103	0.00
49 T	cis-1,3-Dichloropropene	0.574	0.565	1.6	103	0.00
50 M	1,1,2-Trichloroethane	0.336	0.332	1.2	100	0.00
51	Ethyl methacrylate	0.621	0.597	3.9	99	0.00
52	1,3-Dichloropropane	0.596	0.595	0.2	101	0.00
53 M	Dibromochloromethane	0.335	0.335	0.0	105	0.00
54 M	1,2-Dibromoethane	0.345	0.340	1.4	101	0.00
55 M	2-Chloroethyl vinyl ether	0.331	0.331	0.0	98	0.00
56 M	Bromoform	0.257	0.240	6.6	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.738	0.719	2.6	99	0.00
59 M	2-Hexanone	0.579	0.574	0.9	100	0.00
60 S	4-Bromofluorobenzene	0.510	0.509	0.2	100	0.00
61 M	Tetrachloroethene	0.331	0.356	-7.6	109	0.00
62 M	Toluene	1.603	1.634	-1.9	102	0.00
63 S	Toluene-d8	1.422	1.457	-2.5	101	0.00
64 M	Chlorobenzene	0.965	0.982	-1.8	104	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.353	0.0	104	0.00
66 M	Ethyl Benzene	1.786	1.827	-2.3	104	0.00
67 M	m/p-Xylenes	0.652	0.673	-3.2	105	0.00
68 M	o-Xylene	0.641	0.652	-1.7	105	0.00
69 M	Styrene	1.125	1.144	-1.7	104	0.00
70	Isopropylbenzene	1.724	1.780	-3.2	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.621	1.6	102	0.00
72	1,2,3-Trichloropropane	0.544	0.560	-2.9	104	0.00
73	Bromobenzene	0.426	0.433	-1.6	103	0.00
74	n-propylbenzene	1.998	2.060	-3.1	106	0.00
75	2-Chlorotoluene	1.198	1.232	-2.8	105	0.00
76	1,3,5-Trimethylbenzene	1.461	1.516	-3.8	106	0.00
77	t-1,4-Dichloro-2-butene	0.220	0.205	6.8	103	0.00
78	4-Chlorotoluene	1.361	1.390	-2.1	106	0.00
79	tert-butylbenzene	1.412	1.434	-1.6	104	0.00
80	1,2,4-Trimethylbenzene	1.464	1.505	-2.8	106	0.00
81	sec-Butylbenzene	1.678	1.737	-3.5	106	0.00
82	p-Isopropyltoluene	1.526	1.574	-3.1	106	0.00
83 M	1,3-Dichlorobenzene	0.761	0.769	-1.1	106	0.00
84 M	1,4-Dichlorobenzene	0.758	0.762	-0.5	107	0.00
85	n-Butylbenzene	1.396	1.444	-3.4	110	0.00
86 T	Hexachloroethane	0.260	0.249	4.2	99	0.00
87 M	1,2-Dichlorobenzene	0.766	0.778	-1.6	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.147	0.140	4.8	99	0.00
89	1,2,4-Trichlorobenzene	0.546	0.557	-2.0	110	0.00
90	Hexachlorobutadiene	0.273	0.280	-2.6	109	0.00

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91 M	Naphthalene	1.787	1.802	-0.8	104	0.00
92	1,2,3-Trichlorobenzene	0.555	0.574	-3.4	108	0.00

(#) = Out of Range

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