

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX051719\
 Data File : VX009651.D
 Acq On : 17 May 2019 09:45
 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 18 05:10:40 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	113	0.00
2 M	Dichlorodifluoromethane	1.594	1.275	20.0	91	0.00
3 M	Chloromethane	2.143	1.853	13.5	99	0.00
4 M	Vinyl Chloride	2.138	1.864	12.8	99	0.00
5 M	Bromomethane	1.355	1.247	8.0	117	0.00
6 M	Chloroethane	1.402	1.217	13.2	96	0.00
7 M	Trichlorofluoromethane	2.640	2.459	6.9	107	0.00
8 T	Diethyl Ether	1.226	1.131	7.7	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.634	1.539	5.8	107	0.00
10 M	1,1-Dichloroethene	1.641	1.479	9.9	103	0.00
11	Methyl Iodide	1.784	1.545	13.4	106	0.00
12	Methyl Acetate	3.091	2.814	9.0	107	0.00
13 M	Acrolein	0.424	0.367	13.4	107	0.00
14 M	Acrylonitrile	1.341	1.243	7.3	107	0.00
15 M	Acetone	0.385	0.411	-6.8	119	0.00
16 M	Carbon Disulfide	4.440	3.880	12.6	100	0.00
17	Allyl chloride	3.939	3.623	8.0	107	0.00
18 M	Methylene Chloride	1.983	1.832	7.6	107	0.00
19 M	trans-1,2-Dichloroethene	1.750	1.611	7.9	106	0.00
20 T	Diisopropyl ether	7.758	7.365	5.1	109	0.00
21 M	1,1-Dichloroethane	3.754	3.523	6.2	109	0.00
22 M	cis-1,2-Dichloroethene	2.107	1.951	7.4	107	0.00
23 M	tert-Butyl Alcohol	0.567	0.517	8.8	109	0.00
24 M	Methyl tert-Butyl Ether	6.422	6.038	6.0	110	0.00
25 M	Chloroform	3.426	3.241	5.4	108	0.00
26	Cyclohexane	3.499	3.267	6.6	106	0.00
27 s	1,2-Dichloroethane-d4	2.489	2.489	0.0	113	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29	1,1-Dichloropropene	0.440	0.418	5.0	108	0.00
30 M	2-Butanone	0.345	0.335	2.9	111	0.00
31	2,2-Dichloropropane	0.485	0.454	6.4	108	0.00
32 M	1,1,1-Trichloroethane	0.477	0.451	5.5	112	0.00
33 M	Carbon Tetrachloride	0.399	0.376	5.8	109	0.00
34 M	Benzene	1.357	1.278	5.8	107	0.00
35	Methacrylonitrile	0.361	0.334	7.5	106	0.00
36 M	1,2-Dichloroethane	0.492	0.474	3.7	110	0.00
37 M	Trichloroethene	0.327	0.304	7.0	108	0.00
38	Methylcyclohexane	0.544	0.520	4.4	110	0.00
39 M	1,2-Dichloropropane	0.386	0.372	3.6	111	0.00
40	Dibromomethane	0.219	0.206	5.9	108	0.00
41 M	Bromodichloromethane	0.448	0.422	5.8	110	0.00
42 M	Vinyl Acetate	1.138	1.103	3.1	110	0.00
43	Ethyl Acetate	0.623	0.586	5.9	105	0.00
44	Isopropyl Acetate	1.009	0.943	6.5	110	0.00
45 T	1,4-Dioxane	0.010	0.009#	10.0	108	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.504	0.474	6.0	109	0.00
47	n-amyl Acetate	0.909	0.854	6.1	111	0.00
48 M	t-1,3-Dichloropropene	0.523	0.482	7.8	110	0.00
49 T	cis-1,3-Dichloropropene	0.574	0.539	6.1	111	0.00
50 M	1,1,2-Trichloroethane	0.336	0.328	2.4	112	0.00
51	Ethyl methacrylate	0.621	0.582	6.3	109	0.00
52	1,3-Dichloropropane	0.596	0.571	4.2	110	0.00
53 M	Dibromochloromethane	0.335	0.309	7.8	110	0.00
54 M	1,2-Dibromoethane	0.345	0.323	6.4	108	0.00
55 M	2-Chloroethyl vinyl ether	0.331	0.280	15.4	93	0.00
56 M	Bromoform	0.257	0.236	8.2	113	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	0.738	0.700	5.1	110	0.00
59 M	2-Hexanone	0.579	0.558	3.6	111	0.00
60 S	4-Bromofluorobenzene	0.510	0.515	-1.0	115	0.00
61 M	Tetrachloroethene	0.331	0.322	2.7	112	0.00
62 M	Toluene	1.603	1.523	5.0	109	0.00
63 S	Toluene-d8	1.422	1.420	0.1	113	0.00
64 M	Chlorobenzene	0.965	0.928	3.8	113	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.335	5.1	112	0.00
66 M	Ethyl Benzene	1.786	1.703	4.6	110	0.00
67 M	m/p-Xylenes	0.652	0.624	4.3	111	0.00
68 M	o-Xylene	0.641	0.618	3.6	113	0.00
69 M	Styrene	1.125	1.069	5.0	111	0.00
70	Isopropylbenzene	1.724	1.664	3.5	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.604	4.3	113	0.00
72	1,2,3-Trichloropropane	0.544	0.518	4.8	110	0.00
73	Bromobenzene	0.426	0.402	5.6	110	0.00
74	n-propylbenzene	1.998	1.969	1.5	115	0.00
75	2-Chlorotoluene	1.198	1.146	4.3	111	0.00
76	1,3,5-Trimethylbenzene	1.461	1.428	2.3	114	0.00
77	t-1,4-Dichloro-2-butene	0.220	0.193	12.3	111	0.00
78	4-Chlorotoluene	1.361	1.323	2.8	115	0.00
79	tert-butylbenzene	1.412	1.356	4.0	112	0.00
80	1,2,4-Trimethylbenzene	1.464	1.413	3.5	113	0.00
81	sec-Butylbenzene	1.678	1.652	1.5	116	0.00
82	p-Isopropyltoluene	1.526	1.500	1.7	116	0.00
83 M	1,3-Dichlorobenzene	0.761	0.731	3.9	115	0.00
84 M	1,4-Dichlorobenzene	0.758	0.739	2.5	118	0.00
85	n-Butylbenzene	1.396	1.382	1.0	120	0.00
86 T	Hexachloroethane	0.260	0.239	8.1	109	0.00
87 M	1,2-Dichlorobenzene	0.766	0.742	3.1	114	0.00
88	1,2-Dibromo-3-Chloropropane	0.147	0.142	3.4	115	0.00
89	1,2,4-Trichlorobenzene	0.546	0.536	1.8	121	0.00
90	Hexachlorobutadiene	0.273	0.283	-3.7	126	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.787	1.735	2.9	114	0.00
92	1,2,3-Trichlorobenzene	0.555	0.556	-0.2	119	0.00

(#) = Out of Range

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