

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014368.D
 Acq On : 30 Dec 2019 20:49
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 31 03:56:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	94	0.00
2 M	Dichlorodifluoromethane	1.515	1.432	5.5	92	0.00
3 M	Chloromethane	2.136	2.061	3.5	90	0.00
4 M	Vinyl Chloride	2.190	2.138	2.4	94	0.00
5 M	Bromomethane	1.601	1.146	28.4	71	0.00
6 M	Chloroethane	1.352	1.451	-7.3	105	0.01
7 M	Trichlorofluoromethane	2.725	2.759	-1.2	97	0.00
8 T	Diethyl Ether	1.252	1.291	-3.1	99	0.00
9	1,1,2-Trichlorotrifluoroeth	1.625	1.671	-2.8	100	0.00
10 M	1,1-Dichloroethene	1.680	1.687	-0.4	98	0.00
11	Methyl Iodide	2.163	1.429	33.9#	68	0.00
12	Methyl Acetate	2.601	2.851	-9.6	104	0.00
13 M	Acrolein	0.315	0.335	-6.3	94	0.00
14 M	Acrylonitrile	1.017	1.110	-9.1	106	0.00
15 M	Acetone	0.299	0.323	-8.0	107	0.00
16 M	Carbon Disulfide	4.551	4.647	-2.1	102	0.00
17	Allyl chloride	3.019	3.170	-5.0	101	0.00
18 M	Methylene Chloride	2.058	2.053	0.2	96	0.00
19 M	trans-1,2-Dichloroethene	1.840	1.875	-1.9	99	0.00
20 T	Diisopropyl ether	6.194	6.481	-4.6	99	0.00
21 M	1,1-Dichloroethane	3.362	3.392	-0.9	97	0.00
22 M	cis-1,2-Dichloroethene	2.133	2.120	0.6	96	0.00
23 M	tert-Butyl Alcohol	0.399	0.461	-15.5	111	-0.02
24 M	Methyl tert-Butyl Ether	5.675	5.745	-1.2	97	0.00
25 M	Chloroform	3.205	3.314	-3.4	98	0.00
26	Cyclohexane	2.998	3.066	-2.3	97	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.115	1.6	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.433	0.448	-3.5	100	0.00
30 M	2-Butanone	0.255	0.278	-9.0	105	0.00
31	2,2-Dichloropropane	0.401	0.428	-6.7	102	0.00
32 M	1,1,1-Trichloroethane	0.479	0.485	-1.3	99	0.00
33 M	Carbon Tetrachloride	0.407	0.411	-1.0	98	0.00
34 M	Benzene	1.351	1.396	-3.3	98	0.00
35	Methacrylonitrile	0.275	0.289	-5.1	99	0.00
36 M	1,2-Dichloroethane	0.469	0.479	-2.1	100	0.00
37 M	Trichloroethene	0.368	0.372	-1.1	98	0.00
38	Methylcyclohexane	0.517	0.538	-4.1	101	0.00
39 M	1,2-Dichloropropane	0.351	0.360	-2.6	98	0.00
40	Dibromomethane	0.224	0.231	-3.1	99	0.00
41 M	Bromodichloromethane	0.434	0.445	-2.5	101	0.00
42 M	Vinyl Acetate	0.902	0.972	-7.8	101	0.00
43	Ethyl Acetate	0.490	0.546	-11.4	107	0.00
44	Isopropyl Acetate	0.821	0.852	-3.8	102	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	101	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.399	0.418	-4.8	102	0.00
47	n-amyl Acetate	0.730	0.711	2.6	97	0.00
48 M	t-1,3-Dichloropropene	0.474	0.475	-0.2	103	0.00
49 T	cis-1,3-Dichloropropene	0.533	0.539	-1.1	101	0.00
50 M	1,1,2-Trichloroethane	0.346	0.360	-4.0	99	0.00
51	Ethyl methacrylate	0.550	0.552	-0.4	99	0.00
52	1,3-Dichloropropane	0.588	0.601	-2.2	97	0.00
53 M	Dibromochloromethane	0.346	0.347	-0.3	100	0.00
54 M	1,2-Dibromoethane	0.356	0.362	-1.7	99	0.00
55 M	2-Chloroethyl vinyl ether	0.243	0.238	2.1	94	0.00
56 M	Bromoform	0.270	0.261	3.3	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.561	0.597	-6.4	102	0.00
59 M	2-Hexanone	0.426	0.452	-6.1	103	0.00
60 S	4-Bromofluorobenzene	0.484	0.479	1.0	94	0.00
61 M	Tetrachloroethene	0.397	0.408	-2.8	103	0.00
62 M	Toluene	1.596	1.621	-1.6	97	0.00
63 S	Toluene-d8	1.341	1.353	-0.9	93	0.00
64 M	Chlorobenzene	1.000	1.002	-0.2	96	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.366	1.1	98	0.00
66 M	Ethyl Benzene	1.746	1.753	-0.4	97	0.00
67 M	m/p-Xylenes	0.667	0.668	-0.1	96	0.00
68 M	o-Xylene	0.661	0.648	2.0	95	0.00
69 M	Styrene	1.125	1.087	3.4	96	0.00
70	Isopropylbenzene	1.709	1.709	0.0	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.606	0.597	1.5	95	0.00
72	1,2,3-Trichloropropane	0.539	0.559	-3.7	99	0.00
73	Bromobenzene	0.456	0.445	2.4	96	0.00
74	n-propylbenzene	1.938	1.937	0.1	98	0.00
75	2-Chlorotoluene	1.171	1.162	0.8	96	0.00
76	1,3,5-Trimethylbenzene	1.450	1.434	1.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.178	0.175	1.7	106	0.00
78	4-Chlorotoluene	1.338	1.304	2.5	95	0.00
79	tert-butylbenzene	1.397	1.344	3.8	94	0.00
80	1,2,4-Trimethylbenzene	1.449	1.422	1.9	96	0.00
81	sec-Butylbenzene	1.662	1.641	1.3	97	0.00
82	p-Isopropyltoluene	1.500	1.477	1.5	98	0.00
83 M	1,3-Dichlorobenzene	0.795	0.783	1.5	99	0.00
84 M	1,4-Dichlorobenzene	0.792	0.762	3.8	96	0.00
85	n-Butylbenzene	1.261	1.253	0.6	103	0.00
86 T	Hexachloroethane	0.272	0.255	6.3	100	0.00
87 M	1,2-Dichlorobenzene	0.808	0.784	3.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.124	-2.5	102	0.00
89	1,2,4-Trichlorobenzene	0.516	0.500	3.1	102	0.00
90	Hexachlorobutadiene	0.245	0.247	-0.8	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.551	1.580	-1.9	106	0.00
92	1,2,3-Trichlorobenzene	0.524	0.516	1.5	103	0.00

(#) = Out of Range

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