

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015242.D
 Acq On : 12 Mar 2020 18:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 13 04:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 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	97	0.00
2 M	Dichlorodifluoromethane	1.509	1.438	4.7	95	0.00
3 M	Chloromethane	2.178	2.139	1.8	95	0.00
4 M	Vinyl Chloride	2.217	2.193	1.1	96	0.00
5 M	Bromomethane	1.444	1.471	-1.9	100	0.00
6 M	Chloroethane	1.392	1.421	-2.1	98	0.00
7 M	Trichlorofluoromethane	2.826	2.782	1.6	94	0.00
8 T	Diethyl Ether	1.253	1.255	-0.2	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.733	1.521	12.2	86	0.00
10 M	1,1-Dichloroethene	1.747	1.594	8.8	89	0.00
11	Methyl Iodide	1.797	1.482	17.5	98	0.00
12	Methyl Acetate	2.155	2.094	2.8	99	0.00
13 M	Acrolein	0.340	0.285	16.2	86	0.00
14 M	Acrylonitrile	1.000	0.961	3.9	100	0.00
15 M	Acetone	0.293	0.242	17.4	72	0.00
16 M	Carbon Disulfide	4.893	4.431	9.4	97	0.00
17	Allyl chloride	3.241	2.951	8.9	95	0.00
18 M	Methylene Chloride	1.975	1.852	6.2	97	0.00
19 M	trans-1,2-Dichloroethene	1.885	1.761	6.6	99	0.00
20 T	Diisopropyl ether	6.439	6.070	5.7	97	0.00
21 M	1,1-Dichloroethane	3.412	3.176	6.9	97	0.00
22 M	cis-1,2-Dichloroethene	2.130	1.980	7.0	95	0.00
23 M	tert-Butyl Alcohol	0.391	0.382	2.3	105	0.00
24 M	Methyl tert-Butyl Ether	5.645	5.309	6.0	98	0.00
25 M	Chloroform	3.246	3.089	4.8	94	0.00
26	Cyclohexane	3.171	2.921	7.9	93	0.00
27 s	1,2-Dichloroethane-d4	2.024	1.998	1.3	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.460	0.448	2.6	94	0.00
30 M	2-Butanone	0.247	0.237	4.0	91	0.00
31	2,2-Dichloropropane	0.473	0.429	9.3	90	0.00
32 M	1,1,1-Trichloroethane	0.501	0.483	3.6	92	0.00
33 M	Carbon Tetrachloride	0.429	0.408	4.9	92	0.00
34 M	Benzene	1.395	1.348	3.4	91	0.00
35	Methacrylonitrile	0.267	0.258	3.4	97	0.00
36 M	1,2-Dichloroethane	0.465	0.453	2.6	91	-0.18
37 M	Trichloroethene	0.386	0.378	2.1	96	0.00
38	Methylcyclohexane	0.559	0.522	6.6	95	0.00
39 M	1,2-Dichloropropane	0.360	0.344	4.4	94	0.00
40	Dibromomethane	0.229	0.225	1.7	96	0.00
41 M	Bromodichloromethane	0.453	0.439	3.1	99	0.00
42 M	Vinyl Acetate	0.972	0.929	4.4	96	0.00
43	Ethyl Acetate	0.468	0.468	0.0	100	0.00
44	Isopropyl Acetate	0.791	0.759	4.0	91	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.390	0.384	1.5	98	0.00
47	n-amyl Acetate	0.710	0.637	10.3	88	0.00
48 M	t-1,3-Dichloropropene	0.493	0.511	-3.7	106	0.00
49 T	cis-1,3-Dichloropropene	0.559	0.544	2.7	96	0.00
50 M	1,1,2-Trichloroethane	0.339	0.375	-10.6	109	0.00
51	Ethyl methacrylate	0.528	0.540	-2.3	102	0.00
52	1,3-Dichloropropane	0.573	0.629	-9.8	107	0.00
53 M	Dibromochloromethane	0.361	0.377	-4.4	105	0.00
54 M	1,2-Dibromoethane	0.349	0.374	-7.2	104	0.00
55 M	2-Chloroethyl vinyl ether	0.265	0.273	-3.0	102	0.00
56 M	Bromoform	0.283	0.274	3.2	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.511	0.554	-8.4	107	0.00
59 M	2-Hexanone	0.386	0.413	-7.0	105	0.00
60 S	4-Bromofluorobenzene	0.478	0.470	1.7	91	0.00
61 M	Tetrachloroethene	0.418	0.453	-8.4	105	0.00
62 M	Toluene	1.588	1.676	-5.5	105	0.00
63 S	Toluene-d8	1.285	1.398	-8.8	104	0.00
64 M	Chlorobenzene	1.014	0.985	2.9	92	0.00
65	1,1,1,2-Tetrachloroethane	0.374	0.369	1.3	93	0.00
66 M	Ethyl Benzene	1.768	1.679	5.0	91	0.00
67 M	m/p-Xylenes	0.679	0.650	4.3	92	0.00
68 M	o-Xylene	0.651	0.631	3.1	94	0.00
69 M	Styrene	1.133	1.082	4.5	91	0.00
70	Isopropylbenzene	1.732	1.667	3.8	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.562	0.534	5.0	91	0.00
72	1,2,3-Trichloropropane	0.460	0.434	5.7	88	0.00
73	Bromobenzene	0.472	0.448	5.1	92	0.00
74	n-propylbenzene	2.047	1.924	6.0	92	0.00
75	2-Chlorotoluene	1.195	1.126	5.8	91	0.00
76	1,3,5-Trimethylbenzene	1.479	1.380	6.7	90	0.00
77	t-1,4-Dichloro-2-butene	0.193	0.168	13.0	90	0.00
78	4-Chlorotoluene	1.376	1.290	6.2	90	0.00
79	tert-butylbenzene	1.386	1.331	4.0	99	0.00
80	1,2,4-Trimethylbenzene	1.462	1.410	3.6	98	0.00
81	sec-Butylbenzene	1.721	1.616	6.1	96	0.00
82	p-Isopropyltoluene	1.582	1.486	6.1	95	0.00
83 M	1,3-Dichlorobenzene	0.835	0.791	5.3	96	0.00
84 M	1,4-Dichlorobenzene	0.835	0.808	3.2	99	0.00
85	n-Butylbenzene	1.387	1.304	6.0	96	0.00
86 T	Hexachloroethane	0.277	0.256	7.6	98	0.00
87 M	1,2-Dichlorobenzene	0.814	0.790	2.9	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.116	0.111	4.3	100	0.00
89	1,2,4-Trichlorobenzene	0.602	0.582	3.3	100	0.00
90	Hexachlorobutadiene	0.310	0.284	8.4	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.667	1.635	1.9	101	0.00
92	1,2,3-Trichlorobenzene	0.605	0.591	2.3	101	0.00

(#) = Out of Range

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