

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020910.D
 Acq On : 25 Feb 2021 13:32
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022521

Quant Time: Feb 25 15:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 25 13:26:35 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	108	0.00
2 M	Dichlorodifluoromethane	1.689	1.609	4.7	94	0.00
3 M	Chloromethane	1.805	1.743	3.4	97	0.00
4 M	Vinyl Chloride	2.137	2.062	3.5	96	0.00
5 M	Bromomethane	0.805	1.306	-62.2#	179#	0.00
6 M	Chloroethane	1.354	1.323	2.3	98	0.00
7 M	Trichlorofluoromethane	2.760	2.659	3.7	95	0.00
8 T	Diethyl Ether	1.245	1.208	3.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.721	1.694	1.6	96	0.00
10 M	1,1-Dichloroethene	1.774	1.717	3.2	95	0.00
11	Methyl Iodide	2.198	2.074	5.6	104	0.00
12	Methyl Acetate	1.961	1.861	5.1	95	0.00
13 M	Acrolein	0.279	0.227	18.6	90	0.00
14 M	Acrylonitrile	0.978	0.934	4.5	97	0.00
15 M	Acetone	0.294	0.297	-1.0	95	0.00
16 M	Carbon Disulfide	5.007	4.829	3.6	94	0.00
17	Allyl chloride	2.797	2.674	4.4	96	0.00
18 M	Methylene Chloride	2.004	1.914	4.5	94	0.00
19 M	trans-1,2-Dichloroethene	1.967	1.904	3.2	95	0.00
20 T	Diisopropyl ether	5.671	5.456	3.8	96	0.00
21 M	1,1-Dichloroethane	3.363	3.251	3.3	96	0.00
22 M	cis-1,2-Dichloroethene	2.249	2.198	2.3	97	0.00
23 M	tert-Butyl Alcohol	0.444	0.415	6.5	95	0.00
24 M	Methyl tert-Butyl Ether	6.219	6.050	2.7	96	0.00
25 M	Chloroform	3.444	3.356	2.6	97	0.00
26	Cyclohexane	3.045	2.944	3.3	95	0.00
27 s	1,2-Dichloroethane-d4	2.113	2.116	-0.1	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.470	0.455	3.2	95	0.00
30 M	2-Butanone	0.232	0.225	3.0	96	0.00
31	2,2-Dichloropropane	0.542	0.538	0.7	97	0.00
32 M	1,1,1-Trichloroethane	0.528	0.514	2.7	96	0.00
33 M	Carbon Tetrachloride	0.458	0.434	5.2	94	0.00
34 M	Benzene	1.413	1.377	2.5	96	0.00
35	Methacrylonitrile	0.250	0.236	5.6	96	0.00
36 M	1,2-Dichloroethane	0.475	0.466	1.9	97	0.00
37 M	Trichloroethene	0.382	0.372	2.6	95	0.00
38	Methylcyclohexane	0.598	0.586	2.0	95	0.00
39 M	1,2-Dichloropropane	0.349	0.339	2.9	98	0.00
40	Dibromomethane	0.240	0.231	3.7	96	0.00
41 M	Bromodichloromethane	0.502	0.489	2.6	96	0.00
42 M	Vinyl Acetate	0.866	0.828	4.4	96	0.00
43	Ethyl Acetate	0.442	0.409	7.5	95	0.00
44	Isopropyl Acetate	0.749	0.709	5.3	96	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	96	0.00
46	Methyl methacrylate	0.372	0.359	3.5	98	0.00
47	n-amyl Acetate	0.616	0.588	4.5	97	0.00
48 M	t-1,3-Dichloropropene	0.560	0.529	5.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.611	0.585	4.3	96	0.00
50 M	1,1,2-Trichloroethane	0.353	0.338	4.2	94	0.00
51	Ethyl methacrylate	0.552	0.531	3.8	98	0.00
52	1,3-Dichloropropane	0.597	0.589	1.3	97	0.00
53 M	Dibromochloromethane	0.374	0.361	3.5	98	0.00
54 M	1,2-Dibromoethane	0.367	0.362	1.4	100	0.00
55 M	2-Chloroethyl vinyl ether	0.261	0.222	14.9	86	0.00
56 M	Bromoform	0.264	0.251	4.9	93	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	0.491	0.462	5.9	97	0.00
59 M	2-Hexanone	0.374	0.353	5.6	95	0.00
60 S	4-Bromofluorobenzene	0.496	0.486	2.0	106	0.00
61 M	Tetrachloroethene	0.370	0.348	5.9	93	0.00
62 M	Toluene	1.723	1.653	4.1	97	0.00
63 S	Toluene-d8	1.366	1.330	2.6	105	0.00
64 M	Chlorobenzene	1.058	1.002	5.3	96	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.364	5.9	97	0.00
66 M	Ethyl Benzene	1.920	1.795	6.5	93	0.00
67 M	m/p-Xylenes	0.713	0.679	4.8	94	0.00
68 M	o-Xylene	0.679	0.644	5.2	94	0.00
69 M	Styrene	1.185	1.145	3.4	96	0.00
70	Isopropylbenzene	1.829	1.758	3.9	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.573	0.549	4.2	96	0.00
72	1,2,3-Trichloropropane	0.517	0.473	8.5	96	0.00
73	Bromobenzene	0.428	0.397	7.2	93	0.00
74	n-propylbenzene	2.096	1.995	4.8	94	0.00
75	2-Chlorotoluene	1.251	1.206	3.6	94	0.00
76	1,3,5-Trimethylbenzene	1.508	1.470	2.5	96	0.00
77	t-1,4-Dichloro-2-butene	0.216	0.195	9.7	95	0.00
78	4-Chlorotoluene	1.427	1.371	3.9	96	0.00
79	tert-butylbenzene	1.444	1.427	1.2	99	0.00
80	1,2,4-Trimethylbenzene	1.531	1.464	4.4	94	0.00
81	sec-Butylbenzene	1.746	1.692	3.1	95	0.00
82	p-Isopropyltoluene	1.580	1.539	2.6	97	0.00
83 M	1,3-Dichlorobenzene	0.785	0.742	5.5	93	0.00
84 M	1,4-Dichlorobenzene	0.769	0.707	8.1	90	0.00
85	n-Butylbenzene	1.427	1.359	4.8	95	0.00
86 T	Hexachloroethane	0.298	0.276	7.4	92	0.00
87 M	1,2-Dichlorobenzene	0.741	0.729	1.6	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.129	0.118	8.5	95	0.00
89	1,2,4-Trichlorobenzene	0.488	0.452	7.4	94	0.00
90	Hexachlorobutadiene	0.200	0.200	0.0	99	0.00
91 M	Naphthalene	1.710	1.631	4.6	96	0.00
92	1,2,3-Trichlorobenzene	0.489	0.474	3.1	93	0.00

(#) = Out of Range

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