

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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	108	0.00
2 M	Dichlorodifluoromethane	20.000	19.048	4.8	94	0.00
3 M	Chloromethane	20.000	19.320	3.4	97	0.00
4 M	Vinyl Chloride	20.000	19.299	3.5	96	0.00
5 M	Bromomethane	20.000	32.474	-62.4#	179	0.00
6 M	Chloroethane	20.000	19.551	2.2	98	0.00
7 M	Trichlorofluoromethane	20.000	19.268	3.7	95	0.00
8 T	Diethyl Ether	20.000	19.407	3.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.690	1.5	96	0.00
10 M	1,1-Dichloroethene	20.000	19.364	3.2	95	0.00
11	Methyl Iodide	20.000	18.865	5.7	104	0.00
12	Methyl Acetate	20.000	18.974	5.1	95	0.00
13 M	Acrolein	100.000	81.605	18.4	90	0.00
14 M	Acrylonitrile	100.000	95.499	4.5	97	0.00
15 M	Acetone	100.000	100.988	-1.0	95	0.00
16 M	Carbon Disulfide	20.000	19.290	3.6	94	0.00
17	Allyl chloride	20.000	19.119	4.4	96	0.00
18 M	Methylene Chloride	20.000	19.107	4.5	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.363	3.2	95	0.00
20 T	Diisopropyl ether	20.000	19.243	3.8	96	0.00
21 M	1,1-Dichloroethane	20.000	19.331	3.3	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.545	2.3	97	0.00
23 M	tert-Butyl Alcohol	100.000	93.386	6.6	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.459	2.7	96	0.00
25 M	Chloroform	20.000	19.490	2.6	97	0.00
26	Cyclohexane	20.000	19.339	3.3	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.050	-0.2	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	19.366	3.2	95	0.00
30 M	2-Butanone	100.000	96.712	3.3	96	0.00
31	2,2-Dichloropropane	20.000	19.830	0.9	97	0.00
32 M	1,1,1-Trichloroethane	20.000	19.440	2.8	96	0.00
33 M	Carbon Tetrachloride	20.000	18.973	5.1	94	0.00
34 M	Benzene	20.000	19.498	2.5	96	0.00
35	Methacrylonitrile	20.000	18.953	5.2	96	0.00
36 M	1,2-Dichloroethane	20.000	19.613	1.9	97	0.00
37 M	Trichloroethene	20.000	19.474	2.6	95	0.00
38	Methylcyclohexane	20.000	19.602	2.0	95	0.00
39 M	1,2-Dichloropropane	20.000	19.418	2.9	98	0.00
40	Dibromomethane	20.000	19.190	4.0	96	0.00
41 M	Bromodichloromethane	20.000	19.467	2.7	96	0.00
42 M	Vinyl Acetate	100.000	95.612	4.4	96	0.00
43	Ethyl Acetate	20.000	18.530	7.3	95	0.00
44	Isopropyl Acetate	20.000	18.926	5.4	96	0.00
45 T	1,4-Dioxane	400.000	382.581	4.4	96	0.00
46	Methyl methacrylate	20.000	19.319	3.4	98	0.00
47	n-amyl Acetate	20.000	19.082	4.6	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.898	5.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.154	4.2	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.132	4.3	94	0.00
51	Ethyl methacrylate	20.000	19.247	3.8	98	0.00
52	1,3-Dichloropropane	20.000	19.728	1.4	97	0.00
53 M	Dibromochloromethane	20.000	19.313	3.4	98	0.00
54 M	1,2-Dibromoethane	20.000	19.735	1.3	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.928	15.1	86	0.00
56 M	Bromoform	20.000	19.030	4.8	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.035	6.0	97	0.00
59 M	2-Hexanone	100.000	94.372	5.6	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.376	2.1	106	0.00
61 M	Tetrachloroethene	20.000	18.824	5.9	93	0.00
62 M	Toluene	20.000	19.180	4.1	97	0.00
63 S	Toluene-d8	30.000	29.203	2.7	105	0.00
64 M	Chlorobenzene	20.000	18.939	5.3	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.834	5.8	97	0.00
66 M	Ethyl Benzene	20.000	18.694	6.5	93	0.00
67 M	m/p-Xylenes	40.000	38.060	4.8	94	0.00
68 M	o-Xylene	20.000	18.985	5.1	94	0.00
69 M	Styrene	20.000	19.330	3.4	96	0.00
70	Isopropylbenzene	20.000	19.222	3.9	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.170	4.1	96	0.00
72	1,2,3-Trichloropropane	20.000	18.286	8.6	96	0.00
73	Bromobenzene	20.000	18.559	7.2	93	0.00
74	n-propylbenzene	20.000	19.039	4.8	94	0.00
75	2-Chlorotoluene	20.000	19.283	3.6	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.500	2.5	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.112	9.4	95	0.00
78	4-Chlorotoluene	20.000	19.216	3.9	96	0.00
79	tert-butylbenzene	20.000	19.772	1.1	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.129	4.4	94	0.00
81	sec-Butylbenzene	20.000	19.372	3.1	95	0.00
82	p-Isopropyltoluene	20.000	19.480	2.6	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.904	5.5	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.391	8.0	90	0.00
85	n-Butylbenzene	20.000	19.041	4.8	95	0.00
86 T	Hexachloroethane	20.000	18.535	7.3	92	0.00
87 M	1,2-Dichlorobenzene	20.000	19.677	1.6	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.223	8.9	95	0.00
89	1,2,4-Trichlorobenzene	20.000	18.520	7.4	94	0.00
90	Hexachlorobutadiene	20.000	20.002	-0.0	99	0.00
91 M	Naphthalene	20.000	19.071	4.6	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.378	3.1	93	0.00

(#) = Out of Range

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