

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX010824\
 Data File : VX039671.D
 Acq On : 08 Jan 2024 19:00
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010824

Quant Time: Jan 09 06:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.949	0.3	104	0.00
3 M	Chloromethane	20.000	19.417	2.9	100	0.00
4 M	Vinyl Chloride	20.000	19.417	2.9	107	0.00
5 M	Bromomethane	20.000	20.172	-0.9	108	0.00
6 M	Chloroethane	20.000	20.057	-0.3	87	0.00
7 M	Trichlorofluoromethane	20.000	19.025	4.9	101	0.00
8 T	Diethyl Ether	20.000	19.346	3.3	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.828	5.9	100	0.00
10 M	1,1-Dichloroethene	20.000	19.407	3.0	100	0.00
11	Methyl Iodide	20.000	18.758	6.2	100	0.00
12	Methyl Acetate	20.000	18.987	5.1	100	0.00
13 M	Acrolein	100.000	88.268	11.7	105	0.00
14 M	Acrylonitrile	100.000	98.120	1.9	102	0.00
15 M	Acetone	100.000	95.075	4.9	101	0.00
16 M	Carbon Disulfide	20.000	19.207	4.0	102	0.00
17	Allyl chloride	20.000	18.574	7.1	98	0.00
18 M	Methylene Chloride	20.000	18.192	9.0	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.993	5.0	99	0.00
20 T	Diisopropyl ether	20.000	19.623	1.9	103	0.00
21 M	1,1-Dichloroethane	20.000	19.076	4.6	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.720	6.4	98	0.00
23 M	tert-Butyl Alcohol	100.000	103.259	-3.3	102	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.473	2.6	102	0.00
25 M	Chloroform	20.000	18.970	5.2	99	0.00
26	Cyclohexane	20.000	19.056	4.7	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.054	3.2	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.383	3.1	102	0.00
30 M	2-Butanone	100.000	96.123	3.9	100	0.00
31	2,2-Dichloropropane	20.000	19.126	4.4	102	0.00
32 M	1,1,1-Trichloroethane	20.000	19.250	3.8	103	0.00
33 M	Carbon Tetrachloride	20.000	18.873	5.6	102	0.00
34 M	Benzene	20.000	19.395	3.0	102	0.00
35	Methacrylonitrile	20.000	18.935	5.3	100	0.00
36 M	1,2-Dichloroethane	20.000	18.969	5.2	103	0.00
37 M	Trichloroethene	20.000	18.887	5.6	100	0.00
38	Methylcyclohexane	20.000	18.980	5.1	100	0.00
39 M	1,2-Dichloropropane	20.000	18.111	9.4	97	0.00
40	Dibromomethane	20.000	19.558	2.2	105	0.00
41 M	Bromodichloromethane	20.000	18.965	5.2	102	0.00
42 M	Vinyl Acetate	100.000	96.828	3.2	101	0.00
43	Ethyl Acetate	20.000	19.174	4.1	98	0.00
44	Isopropyl Acetate	20.000	19.198	4.0	102	0.00
45 T	1,4-Dioxane	400.000	394.906	1.3	103	0.00
46	Methyl methacrylate	20.000	19.320	3.4	100	0.00
47	n-amyl Acetate	20.000	19.364	3.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.116	4.4	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.995	5.0	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.383	3.1	101	0.00
51	Ethyl methacrylate	20.000	19.244	3.8	101	0.00
52	1,3-Dichloropropane	20.000	19.276	3.6	103	0.00
53 M	Dibromochloromethane	20.000	19.390	3.0	104	0.00
54 M	1,2-Dibromoethane	20.000	19.463	2.7	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.240	-0.2	106	0.00
56 M	Bromoform	20.000	18.226	8.9	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.118	-0.1	101	0.00
59 M	2-Hexanone	100.000	98.612	1.4	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.903	0.3	99	0.00
61 M	Tetrachloroethene	20.000	20.039	-0.2	106	0.00
62 M	Toluene	20.000	19.999	0.0	103	0.00
63 S	Toluene-d8	30.000	30.659	-2.2	103	0.00
64 M	Chlorobenzene	20.000	19.681	1.6	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.592	2.0	103	0.00
66 M	Ethyl Benzene	20.000	19.960	0.2	103	0.00
67 M	m/p-Xylenes	40.000	39.689	0.8	100	0.00
68 M	o-Xylene	20.000	19.512	2.4	100	0.00
69 M	Styrene	20.000	19.823	0.9	101	0.00
70	Isopropylbenzene	20.000	19.888	0.6	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.258	-1.3	104	0.00
72	1,2,3-Trichloropropane	20.000	19.740	1.3	102	0.00
73	Bromobenzene	20.000	19.544	2.3	101	0.00
74	n-propylbenzene	20.000	19.884	0.6	103	0.00
75	2-Chlorotoluene	20.000	19.818	0.9	102	0.00
76	1,3,5-Trimethylbenzene	20.000	19.294	3.5	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.034	9.8	100	0.00
78	4-Chlorotoluene	20.000	19.707	1.5	101	0.00
79	tert-butylbenzene	20.000	19.781	1.1	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.794	1.0	101	0.00
81	sec-Butylbenzene	20.000	19.582	2.1	101	0.00
82	p-Isopropyltoluene	20.000	19.442	2.8	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.473	2.6	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.025	4.9	100	0.00
85	n-Butylbenzene	20.000	18.973	5.1	101	0.00
86 T	Hexachloroethane	20.000	19.225	3.9	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.352	3.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.205	4.0	106	0.00
89	1,2,4-Trichlorobenzene	20.000	18.549	7.3	100	0.00
90	Hexachlorobutadiene	20.000	18.479	7.6	98	0.00
91 M	Naphthalene	20.000	19.366	3.2	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.913	5.4	101	0.00

(#) = Out of Range

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