

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044640.D
 Acq On : 09 Jan 2025 02:26
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010825

Quant Time: Jan 09 03:16:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	20.823	-4.1	103	0.00
3 M	Chloromethane	20.000	20.844	-4.2	105	0.00
4 M	Vinyl Chloride	20.000	20.199	-1.0	103	0.00
5 M	Bromomethane	20.000	19.218	3.9	98	0.00
6 M	Chloroethane	20.000	21.446	-7.2	98	0.00
7 M	Trichlorofluoromethane	20.000	19.312	3.4	98	0.00
8 T	Diethyl Ether	20.000	18.083	9.6	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.979	0.1	104	0.00
10 M	1,1-Dichloroethene	20.000	19.907	0.5	106	0.00
11	Methyl Iodide	20.000	18.693	6.5	96	0.00
12	Methyl Acetate	20.000	20.016	-0.1	104	0.00
13 M	Acrolein	100.000	92.306	7.7	103	0.00
14 M	Acrylonitrile	100.000	99.819	0.2	103	0.00
15 M	Acetone	100.000	100.201	-0.2	100	0.00
16 M	Carbon Disulfide	20.000	19.703	1.5	115	0.00
17	Allyl chloride	20.000	19.754	1.2	106	0.00
18 M	Methylene Chloride	20.000	19.812	0.9	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.582	2.1	102	0.00
20 T	Diisopropyl ether	20.000	20.152	-0.8	105	0.00
21 M	1,1-Dichloroethane	20.000	20.196	-1.0	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.627	1.9	102	0.00
23 M	tert-Butyl Alcohol	100.000	103.105	-3.1	108	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.008	-0.0	106	0.00
25 M	Chloroform	20.000	20.128	-0.6	103	0.00
26	Cyclohexane	20.000	19.957	0.2	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.053	-0.2	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	19.136	4.3	105	0.00
30 M	2-Butanone	100.000	101.018	-1.0	105	0.00
31	2,2-Dichloropropane	20.000	19.326	3.4	106	0.00
32 M	1,1,1-Trichloroethane	20.000	19.520	2.4	105	0.00
33 M	Carbon Tetrachloride	20.000	19.032	4.8	107	0.00
34 M	Benzene	20.000	19.690	1.5	105	0.00
35	Methacrylonitrile	20.000	18.095	9.5	96	0.00
36 M	1,2-Dichloroethane	20.000	19.785	1.1	103	0.00
37 M	Trichloroethene	20.000	19.200	4.0	105	0.00
38	Methylcyclohexane	20.000	19.655	1.7	109	0.00
39 M	1,2-Dichloropropane	20.000	20.744	-3.7	113	0.00
40	Dibromomethane	20.000	19.705	1.5	105	0.00
41 M	Bromodichloromethane	20.000	19.881	0.6	111	0.00
42 M	Vinyl Acetate	100.000	97.056	2.9	107	0.00
43	Ethyl Acetate	20.000	20.012	-0.1	115	0.00
44	Isopropyl Acetate	20.000	19.435	2.8	105	0.00
45 T	1,4-Dioxane	400.000	392.576	1.9	107	0.00
46	Methyl methacrylate	20.000	20.959	-4.8	112	0.00
47	n-amyl Acetate	20.000	19.226	3.9	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.255	3.7	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.631	1.8	115	0.00
50 M	1,1,2-Trichloroethane	20.000	21.307	-6.5	114	0.00
51	Ethyl methacrylate	20.000	20.994	-5.0	116	0.00
52	1,3-Dichloropropane	20.000	21.267	-6.3	111	0.00
53 M	Dibromochloromethane	20.000	19.674	1.6	113	0.00
54 M	1,2-Dibromoethane	20.000	20.724	-3.6	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.681	-1.7	112	0.00
56 M	Bromoform	20.000	17.377	13.1	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.800	6.2	94	0.00
59 M	2-Hexanone	100.000	110.759	-10.8	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.355	-1.2	100	0.00
61 M	Tetrachloroethene	20.000	22.990	-14.9	114	0.00
62 M	Toluene	20.000	21.778	-8.9	111	0.00
63 S	Toluene-d8	30.000	32.135	-7.1	107	0.00
64 M	Chlorobenzene	20.000	20.166	-0.8	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.372	-1.9	108	0.00
66 M	Ethyl Benzene	20.000	20.360	-1.8	105	0.00
67 M	m/p-Xylenes	40.000	39.215	2.0	101	0.00
68 M	o-Xylene	20.000	20.307	-1.5	104	0.00
69 M	Styrene	20.000	20.050	-0.3	104	0.00
70	Isopropylbenzene	20.000	20.015	-0.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.606	-3.0	102	0.00
72	1,2,3-Trichloropropane	20.000	22.370	-11.9	106	0.00
73	Bromobenzene	20.000	20.607	-3.0	101	0.00
74	n-propylbenzene	20.000	19.866	0.7	103	0.00
75	2-Chlorotoluene	20.000	20.324	-1.6	103	0.00
76	1,3,5-Trimethylbenzene	20.000	20.465	-2.3	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.711	6.4	103	0.00
78	4-Chlorotoluene	20.000	20.278	-1.4	103	0.00
79	tert-butylbenzene	20.000	20.442	-2.2	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.495	-2.5	102	0.00
81	sec-Butylbenzene	20.000	19.991	0.0	103	0.00
82	p-Isopropyltoluene	20.000	19.690	1.5	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.181	-0.9	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.262	-1.3	107	0.00
85	n-Butylbenzene	20.000	18.970	5.2	97	0.00
86 T	Hexachloroethane	20.000	19.296	3.5	108	0.00
87 M	1,2-Dichlorobenzene	20.000	20.053	-0.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.745	1.3	107	0.00
89	1,2,4-Trichlorobenzene	20.000	19.261	3.7	103	0.00
90	Hexachlorobutadiene	20.000	19.450	2.8	102	0.00
91 M	Naphthalene	20.000	20.239	-1.2	106	0.00
92	1,2,3-Trichlorobenzene	20.000	19.937	0.3	103	0.00

(#) = Out of Range

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