

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084343.D
 Acq On : 08 Oct 2024 12:09
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100824

Quant Time: Oct 09 02:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.774	1.1	97	0.00
3 M	Chloromethane	20.000	19.953	0.2	100	0.00
4 M	Vinyl Chloride	20.000	20.252	-1.3	102	0.00
5 M	Bromomethane	20.000	19.713	1.4	97	0.00
6 M	Chloroethane	20.000	20.448	-2.2	101	0.00
7 M	Trichlorofluoromethane	20.000	19.412	2.9	98	0.00
8 T	Diethyl Ether	20.000	19.540	2.3	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.532	-2.7	105	0.01
10 M	1,1-Dichloroethene	20.000	19.334	3.3	102	0.00
11	Methyl Iodide	20.000	19.255	3.7	99	0.00
12	Methyl Acetate	20.000	18.975	5.1	100	0.00
13 M	Acrolein	100.000	94.270	5.7	105	0.00
14 M	Acrylonitrile	100.000	92.817	7.2	94	0.00
15 M	Acetone	100.000	111.112	-11.1	120	0.00
16 M	Carbon Disulfide	20.000	19.006	5.0	96	0.00
17	Allyl chloride	20.000	19.060	4.7	96	0.00
18 M	Methylene Chloride	20.000	20.135	-0.7	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.434	2.8	99	0.00
20 T	Diisopropyl ether	20.000	20.360	-1.8	103	0.00
21 M	1,1-Dichloroethane	20.000	19.948	0.3	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.943	0.3	100	0.00
23 M	tert-Butyl Alcohol	100.000	89.659	10.3	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.696	1.5	101	0.00
25 M	Chloroform	20.000	20.334	-1.7	102	0.00
26	Cyclohexane	20.000	18.931	5.3	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.009	-0.0	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	20.028	-0.1	100	0.00
30 M	2-Butanone	100.000	100.675	-0.7	103	0.00
31	2,2-Dichloropropane	20.000	21.007	-5.0	106	0.00
32 M	1,1,1-Trichloroethane	20.000	20.543	-2.7	100	0.00
33 M	Carbon Tetrachloride	20.000	20.040	-0.2	101	0.00
34 M	Benzene	20.000	20.195	-1.0	100	0.00
35	Methacrylonitrile	20.000	19.515	2.4	100	0.00
36 M	1,2-Dichloroethane	20.000	20.321	-1.6	100	0.00
37 M	Trichloroethene	20.000	20.265	-1.3	99	0.00
38	Methylcyclohexane	20.000	19.810	1.0	103	0.00
39 M	1,2-Dichloropropane	20.000	20.404	-2.0	100	0.00
40	Dibromomethane	20.000	20.242	-1.2	101	0.00
41 M	Bromodichloromethane	20.000	20.087	-0.4	100	0.00
42 M	Vinyl Acetate	100.000	98.798	1.2	102	0.00
43	Ethyl Acetate	20.000	18.961	5.2	96	0.00
44	Isopropyl Acetate	20.000	19.419	2.9	98	0.00
45 T	1,4-Dioxane	400.000	360.927	9.8	96	0.00
46	Methyl methacrylate	20.000	19.353	3.2	98	0.00
47	n-amyl Acetate	20.000	19.421	2.9	99	0.00
48 M	t-1,3-Dichloropropene	20.000	20.107	-0.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.591	-3.0	102	0.00
50 M	1,1,2-Trichloroethane	20.000	20.034	-0.2	100	0.00
51	Ethyl methacrylate	20.000	19.639	1.8	100	0.00
52	1,3-Dichloropropane	20.000	20.070	-0.4	99	0.00
53 M	Dibromochloromethane	20.000	20.221	-1.1	102	0.00
54 M	1,2-Dibromoethane	20.000	19.530	2.3	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.171	11.8	93	0.00
56 M	Bromoform	20.000	20.113	-0.6	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.392	2.6	97	0.00
59 M	2-Hexanone	100.000	99.486	0.5	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.784	-2.6	103	0.00
61 M	Tetrachloroethene	20.000	20.477	-2.4	102	0.00
62 M	Toluene	20.000	20.551	-2.8	102	0.00
63 S	Toluene-d8	30.000	30.377	-1.3	101	0.00
64 M	Chlorobenzene	20.000	19.960	0.2	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.169	-0.8	100	0.00
66 M	Ethyl Benzene	20.000	20.038	-0.2	101	0.00
67 M	m/p-Xylenes	40.000	41.370	-3.4	103	0.00
68 M	o-Xylene	20.000	20.070	-0.4	101	0.00
69 M	Styrene	20.000	20.124	-0.6	102	0.00
70	Isopropylbenzene	20.000	19.923	0.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.932	0.3	100	0.00
72	1,2,3-Trichloropropane	20.000	22.527	-12.6	114	0.00
73	Bromobenzene	20.000	19.992	0.0	101	0.00
74	n-propylbenzene	20.000	20.467	-2.3	103	0.00
75	2-Chlorotoluene	20.000	20.001	-0.0	100	0.00
76	1,3,5-Trimethylbenzene	20.000	20.196	-1.0	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.889	5.6	102	0.00
78	4-Chlorotoluene	20.000	20.008	-0.0	101	0.00
79	tert-butylbenzene	20.000	20.197	-1.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.399	-2.0	103	0.00
81	sec-Butylbenzene	20.000	20.077	-0.4	101	0.00
82	p-Isopropyltoluene	20.000	20.018	-0.1	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.955	0.2	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.380	3.1	101	0.00
85	n-Butylbenzene	20.000	19.215	3.9	103	0.00
86 T	Hexachloroethane	20.000	20.356	-1.8	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.610	2.0	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.815	5.9	96	0.00
89	1,2,4-Trichlorobenzene	20.000	18.038	9.8	95	0.00
90	Hexachlorobutadiene	20.000	19.335	3.3	104	0.00
91 M	Naphthalene	20.000	16.790	16.1	89	0.00
92	1,2,3-Trichlorobenzene	20.000	18.038	9.8	95	0.00

(#) = Out of Range

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