

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081685.D
 Acq On : 10 Apr 2024 16:43
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN041024

Quant Time: Apr 11 09:26:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	-0.01
2 M	Dichlorodifluoromethane	20.000	20.400	-2.0	105	0.00
3 M	Chloromethane	20.000	23.191	-16.0	116	0.00
4 M	Vinyl Chloride	20.000	19.977	0.1	111	0.00
5 M	Bromomethane	20.000	20.588	-2.9	100	0.00
6 M	Chloroethane	20.000	16.706	16.5	90	0.00
7 M	Trichlorofluoromethane	20.000	24.761	-23.8	103	0.00
8 T	Diethyl Ether	20.000	20.850	-4.3	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.845	-4.2	103	-0.01
10 M	1,1-Dichloroethene	20.000	20.787	-3.9	101	0.00
11	Methyl Iodide	20.000	18.523	7.4	117	0.00
12	Methyl Acetate	20.000	19.654	1.7	102	0.00
13 M	Acrolein	100.000	93.105	6.9	104	0.00
14 M	Acrylonitrile	100.000	99.421	0.6	102	0.00
15 M	Acetone	100.000	101.111	-1.1	103	0.00
16 M	Carbon Disulfide	20.000	20.465	-2.3	103	0.00
17	Allyl chloride	20.000	20.533	-2.7	103	0.00
18 M	Methylene Chloride	20.000	20.018	-0.1	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.802	-4.0	102	0.00
20 T	Diisopropyl ether	20.000	21.204	-6.0	104	0.00
21 M	1,1-Dichloroethane	20.000	20.569	-2.8	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.341	-1.7	102	0.00
23 M	tert-Butyl Alcohol	100.000	108.780	-8.8	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.946	-4.7	104	0.00
25 M	Chloroform	20.000	20.399	-2.0	101	0.00
26	Cyclohexane	20.000	21.090	-5.4	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.015	-0.1	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	19.167	4.2	106	0.00
30 M	2-Butanone	100.000	94.576	5.4	104	0.00
31	2,2-Dichloropropane	20.000	19.384	3.1	102	0.00
32 M	1,1,1-Trichloroethane	20.000	19.722	1.4	106	0.00
33 M	Carbon Tetrachloride	20.000	18.302	8.5	101	0.00
34 M	Benzene	20.000	18.787	6.1	104	0.00
35	Methacrylonitrile	20.000	17.969	10.2	97	0.00
36 M	1,2-Dichloroethane	20.000	19.407	3.0	107	0.00
37 M	Trichloroethene	20.000	18.636	6.8	105	0.00
38	Methylcyclohexane	20.000	19.027	4.9	104	0.00
39 M	1,2-Dichloropropane	20.000	18.641	6.8	102	0.00
40	Dibromomethane	20.000	18.456	7.7	98	0.00
41 M	Bromodichloromethane	20.000	18.527	7.4	101	0.00
42 M	Vinyl Acetate	100.000	94.479	5.5	102	0.00
43	Ethyl Acetate	20.000	18.382	8.1	106	0.00
44	Isopropyl Acetate	20.000	18.629	6.9	106	0.00
45 T	1,4-Dioxane	400.000	394.051	1.5	105	0.00
46	Methyl methacrylate	20.000	18.672	6.6	105	0.00
47	n-amyl Acetate	20.000	17.956	10.2	103	0.00
48 M	t-1,3-Dichloropropene	20.000	18.819	5.9	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.328	8.4	101	0.00
50 M	1,1,2-Trichloroethane	20.000	18.681	6.6	102	0.00
51	Ethyl methacrylate	20.000	18.157	9.2	100	0.00
52	1,3-Dichloropropane	20.000	18.704	6.5	101	0.00
53 M	Dibromochloromethane	20.000	18.626	6.9	102	0.00
54 M	1,2-Dibromoethane	20.000	18.727	6.4	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.341	0.7	113	0.00
56 M	Bromoform	20.000	18.074	9.6	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.774	-0.8	102	0.00
59 M	2-Hexanone	100.000	99.213	0.8	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.463	-1.5	102	0.00
61 M	Tetrachloroethene	20.000	20.088	-0.4	103	0.00
62 M	Toluene	20.000	20.436	-2.2	103	0.00
63 S	Toluene-d8	30.000	29.925	0.2	98	0.00
64 M	Chlorobenzene	20.000	20.581	-2.9	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.440	-2.2	100	0.00
66 M	Ethyl Benzene	20.000	20.624	-3.1	103	0.00
67 M	m/p-Xylenes	40.000	41.219	-3.0	102	0.00
68 M	o-Xylene	20.000	21.119	-5.6	106	0.00
69 M	Styrene	20.000	19.962	0.2	100	0.00
70	Isopropylbenzene	20.000	20.573	-2.9	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.800	1.0	99	0.00
72	1,2,3-Trichloropropane	20.000	18.181	9.1	88	0.00
73	Bromobenzene	20.000	20.012	-0.1	101	0.00
74	n-propylbenzene	20.000	20.651	-3.3	106	0.00
75	2-Chlorotoluene	20.000	20.550	-2.8	102	0.00
76	1,3,5-Trimethylbenzene	20.000	20.792	-4.0	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.298	-1.5	105	0.00
78	4-Chlorotoluene	20.000	21.051	-5.3	104	0.00
79	tert-butylbenzene	20.000	20.502	-2.5	103	0.00
80	1,2,4-Trimethylbenzene	20.000	20.719	-3.6	103	0.00
81	sec-Butylbenzene	20.000	20.618	-3.1	104	0.00
82	p-Isopropyltoluene	20.000	20.426	-2.1	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.374	-1.9	103	0.00
84 M	1,4-Dichlorobenzene	20.000	20.892	-4.5	103	0.00
85	n-Butylbenzene	20.000	20.380	-1.9	104	0.00
86 T	Hexachloroethane	20.000	20.514	-2.6	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.729	-3.6	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.757	1.2	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.645	-3.2	104	0.00
90	Hexachlorobutadiene	20.000	20.705	-3.5	105	0.00
91 M	Naphthalene	20.000	19.604	2.0	106	0.00
92	1,2,3-Trichlorobenzene	20.000	20.645	-3.2	104	0.00

(#) = Out of Range

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