

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085278.D
 Acq On : 20 Dec 2024 12:32
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN122024

Quant Time: Dec 21 02:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 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	19.518	2.4	96	0.00
3 M	Chloromethane	20.000	19.020	4.9	95	0.00
4 M	Vinyl Chloride	20.000	18.498	7.5	94	0.00
5 M	Bromomethane	20.000	20.138	-0.7	106	0.00
6 M	Chloroethane	20.000	19.277	3.6	97	0.00
7 M	Trichlorofluoromethane	20.000	19.599	2.0	99	0.00
8 T	Diethyl Ether	20.000	19.506	2.5	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.242	3.8	97	0.00
10 M	1,1-Dichloroethene	20.000	19.365	3.2	102	0.00
11	Methyl Iodide	20.000	18.446	7.8	100	0.00
12	Methyl Acetate	20.000	19.713	1.4	101	0.00
13 M	Acrolein	100.000	91.263	8.7	106	0.00
14 M	Acrylonitrile	100.000	96.195	3.8	100	0.00
15 M	Acetone	100.000	97.191	2.8	99	0.00
16 M	Carbon Disulfide	20.000	19.177	4.1	99	0.00
17	Allyl chloride	20.000	19.118	4.4	101	0.00
18 M	Methylene Chloride	20.000	18.700	6.5	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.561	2.2	102	0.00
20 T	Diisopropyl ether	20.000	19.529	2.4	99	0.00
21 M	1,1-Dichloroethane	20.000	19.072	4.6	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.338	3.3	101	0.00
23 M	tert-Butyl Alcohol	100.000	106.914	-6.9	116	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.518	2.4	102	0.00
25 M	Chloroform	20.000	19.246	3.8	97	0.00
26	Cyclohexane	20.000	18.834	5.8	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.371	-1.2	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	18.531	7.3	99	0.00
30 M	2-Butanone	100.000	95.128	4.9	101	0.00
31	2,2-Dichloropropane	20.000	19.241	3.8	102	0.00
32 M	1,1,1-Trichloroethane	20.000	18.473	7.6	98	0.00
33 M	Carbon Tetrachloride	20.000	18.499	7.5	98	0.00
34 M	Benzene	20.000	18.487	7.6	97	0.00
35	Methacrylonitrile	20.000	19.101	4.5	103	0.00
36 M	1,2-Dichloroethane	20.000	18.230	8.8	97	0.00
37 M	Trichloroethene	20.000	18.132	9.3	97	0.00
38	Methylcyclohexane	20.000	17.524	12.4	103	0.00
39 M	1,2-Dichloropropane	20.000	18.386	8.1	97	0.00
40	Dibromomethane	20.000	18.132	9.3	96	0.00
41 M	Bromodichloromethane	20.000	18.699	6.5	98	0.00
42 M	Vinyl Acetate	100.000	93.215	6.8	102	0.00
43	Ethyl Acetate	20.000	19.947	0.3	110	0.00
44	Isopropyl Acetate	20.000	18.379	8.1	99	0.00
45 T	1,4-Dioxane	400.000	402.068	-0.5	108	0.00
46	Methyl methacrylate	20.000	18.309	8.5	99	0.00
47	n-amyl Acetate	20.000	18.310	8.5	102	0.00
48 M	t-1,3-Dichloropropene	20.000	18.431	7.8	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.467	7.7	101	0.00
50 M	1,1,2-Trichloroethane	20.000	18.375	8.1	95	0.00
51	Ethyl methacrylate	20.000	18.244	8.8	103	0.00
52	1,3-Dichloropropane	20.000	18.285	8.6	95	0.00
53 M	Dibromochloromethane	20.000	17.554	12.2	91	0.00
54 M	1,2-Dibromoethane	20.000	18.675	6.6	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	76.195	23.8	84	0.00
56 M	Bromoform	20.000	17.510	12.4	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.621	0.4	99	0.00
59 M	2-Hexanone	100.000	99.888	0.1	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.945	0.2	104	0.00
61 M	Tetrachloroethene	20.000	19.514	2.4	99	0.00
62 M	Toluene	20.000	18.991	5.0	96	0.00
63 S	Toluene-d8	30.000	30.599	-2.0	103	0.00
64 M	Chlorobenzene	20.000	19.116	4.4	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.965	5.2	95	0.00
66 M	Ethyl Benzene	20.000	18.869	5.7	99	0.00
67 M	m/p-Xylenes	40.000	38.748	3.1	98	0.00
68 M	o-Xylene	20.000	18.765	6.2	98	0.00
69 M	Styrene	20.000	18.869	5.7	97	0.00
70	Isopropylbenzene	20.000	19.090	4.6	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.731	6.3	96	0.00
72	1,2,3-Trichloropropane	20.000	18.284	8.6	99	0.00
73	Bromobenzene	20.000	18.921	5.4	96	0.00
74	n-propylbenzene	20.000	18.722	6.4	97	0.00
75	2-Chlorotoluene	20.000	19.231	3.8	100	0.00
76	1,3,5-Trimethylbenzene	20.000	18.821	5.9	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.029	9.9	100	0.00
78	4-Chlorotoluene	20.000	18.865	5.7	98	0.00
79	tert-butylbenzene	20.000	18.512	7.4	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.279	3.6	100	0.00
81	sec-Butylbenzene	20.000	18.712	6.4	100	0.00
82	p-Isopropyltoluene	20.000	18.698	6.5	102	0.00
83 M	1,3-Dichlorobenzene	20.000	19.206	4.0	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.183	4.1	103	0.00
85	n-Butylbenzene	20.000	18.373	8.1	104	0.00
86 T	Hexachloroethane	20.000	18.546	7.3	95	0.00
87 M	1,2-Dichlorobenzene	20.000	19.023	4.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.163	-0.8	106	0.00
89	1,2,4-Trichlorobenzene	20.000	19.393	3.0	106	0.00
90	Hexachlorobutadiene	20.000	20.307	-1.5	107	0.00
91 M	Naphthalene	20.000	17.976	10.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	19.393	3.0	106	0.00

(#) = Out of Range

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