

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085123.D
 Acq On : 06 Dec 2024 12:28
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN120624

Quant Time: Dec 06 23:06:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	22.140	-10.7	118	0.00
3 M	Chloromethane	20.000	22.297	-11.5	124	0.00
4 M	Vinyl Chloride	20.000	21.532	-7.7	120	0.00
5 M	Bromomethane	20.000	23.874	-19.4	136	0.00
6 M	Chloroethane	20.000	22.326	-11.6	126	0.00
7 M	Trichlorofluoromethane	20.000	21.704	-8.5	122	0.00
8 T	Diethyl Ether	20.000	22.346	-11.7	132	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.109	-10.5	125	0.00
10 M	1,1-Dichloroethene	20.000	21.919	-9.6	125	0.00
11	Methyl Iodide	20.000	21.887	-9.4	130	0.00
12	Methyl Acetate	20.000	21.883	-9.4	126	0.00
13 M	Acrolein	100.000	83.185	16.8	112	0.00
14 M	Acrylonitrile	100.000	109.372	-9.4	128	0.00
15 M	Acetone	100.000	104.948	-4.9	122	0.00
16 M	Carbon Disulfide	20.000	22.068	-10.3	123	0.00
17	Allyl chloride	20.000	21.888	-9.4	131	0.00
18 M	Methylene Chloride	20.000	20.936	-4.7	118	0.01
19 M	trans-1,2-Dichloroethene	20.000	21.862	-9.3	127	0.00
20 T	Diisopropyl ether	20.000	21.853	-9.3	121	0.00
21 M	1,1-Dichloroethane	20.000	21.811	-9.1	124	0.00
22 M	cis-1,2-Dichloroethene	20.000	22.742	-13.7	128	0.00
23 M	tert-Butyl Alcohol	100.000	111.884	-11.9	134	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.254	-11.3	128	0.00
25 M	Chloroform	20.000	21.669	-8.3	121	0.00
26	Cyclohexane	20.000	22.553	-12.8	123	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.493	1.7	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	21.858	-9.3	125	0.00
30 M	2-Butanone	100.000	107.048	-7.0	125	0.00
31	2,2-Dichloropropane	20.000	21.490	-7.4	126	0.00
32 M	1,1,1-Trichloroethane	20.000	21.275	-6.4	120	0.00
33 M	Carbon Tetrachloride	20.000	20.855	-4.3	120	0.00
34 M	Benzene	20.000	21.162	-5.8	123	0.00
35	Methacrylonitrile	20.000	22.464	-12.3	128	0.00
36 M	1,2-Dichloroethane	20.000	21.505	-7.5	126	0.00
37 M	Trichloroethene	20.000	21.558	-7.8	125	0.00
38	Methylcyclohexane	20.000	22.020	-10.1	138	0.00
39 M	1,2-Dichloropropane	20.000	20.867	-4.3	119	0.00
40	Dibromomethane	20.000	21.127	-5.6	120	0.00
41 M	Bromodichloromethane	20.000	21.117	-5.6	123	0.00
42 M	Vinyl Acetate	100.000	115.256	-15.3	137	0.00
43	Ethyl Acetate	20.000	22.807	-14.0	143	0.00
44	Isopropyl Acetate	20.000	21.770	-8.8	128	0.00
45 T	1,4-Dioxane	400.000	437.438	-9.4	124	0.00
46	Methyl methacrylate	20.000	21.989	-9.9	129	0.00
47	n-amyl Acetate	20.000	21.920	-9.6	131	0.00
48 M	t-1,3-Dichloropropene	20.000	21.161	-5.8	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.333	-6.7	125	0.00
50 M	1,1,2-Trichloroethane	20.000	21.441	-7.2	123	0.00
51	Ethyl methacrylate	20.000	22.113	-10.6	135	0.00
52	1,3-Dichloropropane	20.000	21.486	-7.4	125	0.00
53 M	Dibromochloromethane	20.000	20.701	-3.5	121	0.00
54 M	1,2-Dibromoethane	20.000	21.396	-7.0	126	0.00
55 M	2-Chloroethyl vinyl ether	100.000	77.670	22.3	90	0.00
56 M	Bromoform	20.000	20.588	-2.9	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.787	-11.8	122	0.00
59 M	2-Hexanone	100.000	112.607	-12.6	123	0.00
60 S	4-Bromofluorobenzene	30.000	30.966	-3.2	114	0.00
61 M	Tetrachloroethene	20.000	22.294	-11.5	125	0.00
62 M	Toluene	20.000	21.975	-9.9	124	0.00
63 S	Toluene-d8	30.000	30.323	-1.1	109	0.00
64 M	Chlorobenzene	20.000	22.112	-10.6	125	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.725	-8.6	126	0.00
66 M	Ethyl Benzene	20.000	22.300	-11.5	131	0.00
67 M	m/p-Xylenes	40.000	45.872	-14.7	127	0.00
68 M	o-Xylene	20.000	22.492	-12.5	129	0.00
69 M	Styrene	20.000	22.822	-14.1	131	0.00
70	Isopropylbenzene	20.000	22.540	-12.7	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.210	-11.1	121	0.00
72	1,2,3-Trichloropropane	20.000	23.445	-17.2	126	0.00
73	Bromobenzene	20.000	22.241	-11.2	127	0.00
74	n-propylbenzene	20.000	22.470	-12.3	128	0.00
75	2-Chlorotoluene	20.000	22.446	-12.2	125	0.00
76	1,3,5-Trimethylbenzene	20.000	22.843	-14.2	130	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.535	-7.7	126	0.00
78	4-Chlorotoluene	20.000	22.456	-12.3	128	0.00
79	tert-butylbenzene	20.000	22.471	-12.4	129	0.00
80	1,2,4-Trimethylbenzene	20.000	22.992	-15.0	130	0.00
81	sec-Butylbenzene	20.000	22.925	-14.6	131	0.00
82	p-Isopropyltoluene	20.000	22.702	-13.5	131	0.00
83 M	1,3-Dichlorobenzene	20.000	21.763	-8.8	125	0.00
84 M	1,4-Dichlorobenzene	20.000	22.651	-13.3	131	0.00
85	n-Butylbenzene	20.000	22.118	-10.6	135	0.00
86 T	Hexachloroethane	20.000	21.642	-8.2	124	0.00
87 M	1,2-Dichlorobenzene	20.000	22.016	-10.1	126	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.003	-10.0	124	0.00
89	1,2,4-Trichlorobenzene	20.000	23.026	-15.1	137	0.00
90	Hexachlorobutadiene	20.000	23.121	-15.6	133	0.00
91 M	Naphthalene	20.000	22.886	-14.4	149	0.00
92	1,2,3-Trichlorobenzene	20.000	23.026	-15.1	137	0.00

(#) = Out of Range

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