

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084619.D
 Acq On : 31 Oct 2024 14:42
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN103124

Quant Time: Nov 01 02:42:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	20.189	-0.9	102	0.00
3 M	Chloromethane	20.000	19.742	1.3	101	0.00
4 M	Vinyl Chloride	20.000	20.200	-1.0	102	0.00
5 M	Bromomethane	20.000	19.733	1.3	95	0.00
6 M	Chloroethane	20.000	19.284	3.6	98	0.02
7 M	Trichlorofluoromethane	20.000	20.061	-0.3	100	0.00
8 T	Diethyl Ether	20.000	21.107	-5.5	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.762	-3.8	102	0.00
10 M	1,1-Dichloroethene	20.000	19.934	0.3	101	0.00
11	Methyl Iodide	20.000	19.843	0.8	101	0.00
12	Methyl Acetate	20.000	18.084	9.6	97	0.00
13 M	Acrolein	100.000	97.432	2.6	99	0.00
14 M	Acrylonitrile	100.000	100.722	-0.7	106	0.00
15 M	Acetone	100.000	102.773	-2.8	107	0.00
16 M	Carbon Disulfide	20.000	19.828	0.9	101	0.00
17	Allyl chloride	20.000	18.913	5.4	96	0.00
18 M	Methylene Chloride	20.000	19.131	4.3	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.342	3.3	99	0.00
20 T	Diisopropyl ether	20.000	19.635	1.8	99	0.00
21 M	1,1-Dichloroethane	20.000	19.334	3.3	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.396	3.0	101	0.00
23 M	tert-Butyl Alcohol	100.000	107.508	-7.5	115	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.562	2.2	101	0.00
25 M	Chloroform	20.000	19.486	2.6	97	0.00
26	Cyclohexane	20.000	20.480	-2.4	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.401	2.0	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.541	2.3	100	0.00
30 M	2-Butanone	100.000	100.199	-0.2	106	0.00
31	2,2-Dichloropropane	20.000	19.943	0.3	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.308	3.5	97	0.00
33 M	Carbon Tetrachloride	20.000	19.622	1.9	101	0.00
34 M	Benzene	20.000	19.200	4.0	99	0.00
35	Methacrylonitrile	20.000	19.983	0.1	106	0.00
36 M	1,2-Dichloroethane	20.000	19.078	4.6	96	0.00
37 M	Trichloroethene	20.000	19.915	0.4	101	0.00
38	Methylcyclohexane	20.000	19.559	2.2	105	0.00
39 M	1,2-Dichloropropane	20.000	19.222	3.9	98	0.00
40	Dibromomethane	20.000	19.539	2.3	99	0.00
41 M	Bromodichloromethane	20.000	19.395	3.0	101	0.00
42 M	Vinyl Acetate	100.000	99.926	0.1	105	0.00
43	Ethyl Acetate	20.000	19.830	0.9	107	0.00
44	Isopropyl Acetate	20.000	18.295	8.5	101	0.00
45 T	1,4-Dioxane	400.000	409.524	-2.4	107	0.00
46	Methyl methacrylate	20.000	19.620	1.9	106	0.00
47	n-amyl Acetate	20.000	19.811	0.9	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.551	2.2	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.529	2.4	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.786	1.1	100	0.00
51	Ethyl methacrylate	20.000	19.481	2.6	106	0.00
52	1,3-Dichloropropane	20.000	19.341	3.3	98	0.00
53 M	Dibromochloromethane	20.000	19.690	1.5	102	0.00
54 M	1,2-Dibromoethane	20.000	19.356	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.456	-2.5	104	0.00
56 M	Bromoform	20.000	19.898	0.5	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.170	-0.2	107	0.00
59 M	2-Hexanone	100.000	99.639	0.4	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.939	0.2	113	0.00
61 M	Tetrachloroethene	20.000	19.129	4.4	101	0.00
62 M	Toluene	20.000	18.941	5.3	101	0.00
63 S	Toluene-d8	30.000	29.138	2.9	106	0.00
64 M	Chlorobenzene	20.000	19.519	2.4	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.937	5.3	100	0.00
66 M	Ethyl Benzene	20.000	18.953	5.2	103	0.00
67 M	m/p-Xylenes	40.000	39.137	2.2	105	0.00
68 M	o-Xylene	20.000	19.434	2.8	103	0.00
69 M	Styrene	20.000	19.701	1.5	107	0.00
70	Isopropylbenzene	20.000	20.058	-0.3	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.273	3.6	100	0.00
72	1,2,3-Trichloropropane	20.000	21.337	-6.7	102	0.00
73	Bromobenzene	20.000	19.118	4.4	102	0.00
74	n-propylbenzene	20.000	19.858	0.7	108	0.00
75	2-Chlorotoluene	20.000	19.851	0.7	107	0.00
76	1,3,5-Trimethylbenzene	20.000	20.014	-0.1	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.312	3.4	105	0.00
78	4-Chlorotoluene	20.000	19.616	1.9	106	0.00
79	tert-butylbenzene	20.000	20.379	-1.9	115	0.00
80	1,2,4-Trimethylbenzene	20.000	19.863	0.7	108	0.00
81	sec-Butylbenzene	20.000	19.704	1.5	109	0.00
82	p-Isopropyltoluene	20.000	19.381	3.1	108	0.00
83 M	1,3-Dichlorobenzene	20.000	19.330	3.4	104	0.00
84 M	1,4-Dichlorobenzene	20.000	19.724	1.4	108	0.00
85	n-Butylbenzene	20.000	19.377	3.1	114	0.00
86 T	Hexachloroethane	20.000	19.206	4.0	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.650	1.8	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.926	-4.6	111	0.00
89	1,2,4-Trichlorobenzene	20.000	20.187	-0.9	110	0.00
90	Hexachlorobutadiene	20.000	20.428	-2.1	111	0.00
91 M	Naphthalene	20.000	19.356	3.2	115	0.00
92	1,2,3-Trichlorobenzene	20.000	20.187	-0.9	110	0.00

(#) = Out of Range

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