

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079993.D
 Acq On : 08 Nov 2023 15:28
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN110823

Quant Time: Nov 09 04:08:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 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	101	-0.01
2 M	Dichlorodifluoromethane	20.000	20.747	-3.7	100	0.00
3 M	Chloromethane	20.000	20.674	-3.4	102	0.00
4 M	Vinyl Chloride	20.000	24.909	-24.5	128	0.00
5 M	Bromomethane	20.000	20.794	-4.0	108	0.00
6 M	Chloroethane	20.000	21.144	-5.7	117	0.00
7 M	Trichlorofluoromethane	20.000	21.199	-6.0	111	0.00
8 T	Diethyl Ether	20.000	20.082	-0.4	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.142	-5.7	110	-0.01
10 M	1,1-Dichloroethene	20.000	22.430	-12.1	106	0.00
11	Methyl Iodide	20.000	19.572	2.1	96	0.00
12	Methyl Acetate	20.000	20.000	0.0	99	0.00
13 M	Acrolein	100.000	79.646	20.4	89	0.00
14 M	Acrylonitrile	100.000	101.591	-1.6	101	0.00
15 M	Acetone	100.000	89.099	10.9	87	0.00
16 M	Carbon Disulfide	20.000	19.245	3.8	90	0.00
17	Allyl chloride	20.000	19.478	2.6	99	0.00
18 M	Methylene Chloride	20.000	20.270	-1.3	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.160	-0.8	100	0.00
20 T	Diisopropyl ether	20.000	20.754	-3.8	101	0.00
21 M	1,1-Dichloroethane	20.000	20.474	-2.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.323	-1.6	101	0.00
23 M	tert-Butyl Alcohol	100.000	97.218	2.8	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.483	-2.4	100	0.00
25 M	Chloroform	20.000	20.473	-2.4	101	0.00
26	Cyclohexane	20.000	20.435	-2.2	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.085	-0.3	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	20.422	-2.1	101	0.00
30 M	2-Butanone	100.000	94.796	5.2	95	0.00
31	2,2-Dichloropropane	20.000	20.658	-3.3	103	0.00
32 M	1,1,1-Trichloroethane	20.000	20.916	-4.6	105	0.00
33 M	Carbon Tetrachloride	20.000	20.729	-3.6	104	0.00
34 M	Benzene	20.000	20.854	-4.3	104	0.00
35	Methacrylonitrile	20.000	19.417	2.9	98	0.00
36 M	1,2-Dichloroethane	20.000	20.339	-1.7	102	0.00
37 M	Trichloroethene	20.000	20.153	-0.8	101	0.00
38	Methylcyclohexane	20.000	19.611	1.9	99	0.00
39 M	1,2-Dichloropropane	20.000	20.058	-0.3	100	0.00
40	Dibromomethane	20.000	20.400	-2.0	103	0.00
41 M	Bromodichloromethane	20.000	20.629	-3.1	105	0.00
42 M	Vinyl Acetate	100.000	99.925	0.1	100	0.00
43	Ethyl Acetate	20.000	20.632	-3.2	96	0.00
44	Isopropyl Acetate	20.000	20.185	-0.9	102	0.00
45 T	1,4-Dioxane	400.000	414.368	-3.6	102	0.00
46	Methyl methacrylate	20.000	20.275	-1.4	100	0.00
47	n-amyl Acetate	20.000	20.024	-0.1	100	0.00
48 M	t-1,3-Dichloropropene	20.000	20.311	-1.6	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.414	-2.1	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.617	-3.1	103	0.00
51	Ethyl methacrylate	20.000	19.815	0.9	99	0.00
52	1,3-Dichloropropane	20.000	20.703	-3.5	102	0.00
53 M	Dibromochloromethane	20.000	19.907	0.5	99	0.00
54 M	1,2-Dibromoethane	20.000	20.256	-1.3	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.909	13.1	85	0.00
56 M	Bromoform	20.000	20.722	-3.6	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.475	-2.5	101	0.00
59 M	2-Hexanone	100.000	98.099	1.9	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.272	-0.9	103	0.00
61 M	Tetrachloroethene	20.000	20.823	-4.1	105	0.00
62 M	Toluene	20.000	20.553	-2.8	103	0.00
63 S	Toluene-d8	30.000	30.012	-0.0	100	0.00
64 M	Chlorobenzene	20.000	20.417	-2.1	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.760	-3.8	103	0.00
66 M	Ethyl Benzene	20.000	20.797	-4.0	104	0.00
67 M	m/p-Xylenes	40.000	42.398	-6.0	103	0.00
68 M	o-Xylene	20.000	20.866	-4.3	104	0.00
69 M	Styrene	20.000	20.903	-4.5	103	0.00
70	Isopropylbenzene	20.000	20.545	-2.7	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.293	-1.5	101	0.00
72	1,2,3-Trichloropropane	20.000	20.287	-1.4	105	0.00
73	Bromobenzene	20.000	20.573	-2.9	105	0.00
74	n-propylbenzene	20.000	20.765	-3.8	104	0.00
75	2-Chlorotoluene	20.000	20.567	-2.8	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.818	-4.1	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.226	-1.1	105	0.00
78	4-Chlorotoluene	20.000	20.328	-1.6	103	0.00
79	tert-butylbenzene	20.000	21.486	-7.4	108	0.00
80	1,2,4-Trimethylbenzene	20.000	21.338	-6.7	106	0.00
81	sec-Butylbenzene	20.000	20.229	-1.1	102	0.00
82	p-Isopropyltoluene	20.000	20.579	-2.9	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.540	-2.7	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.176	-0.9	103	0.00
85	n-Butylbenzene	20.000	19.534	2.3	100	0.00
86 T	Hexachloroethane	20.000	19.661	1.7	101	0.00
87 M	1,2-Dichlorobenzene	20.000	20.677	-3.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.693	1.5	98	0.00
89	1,2,4-Trichlorobenzene	20.000	19.005	5.0	94	0.00
90	Hexachlorobutadiene	20.000	18.641	6.8	94	0.00
91 M	Naphthalene	20.000	17.774	11.1	88	0.00
92	1,2,3-Trichlorobenzene	20.000	19.005	5.0	94	0.00

(#) = Out of Range

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