

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079361.D
 Acq On : 27 Sep 2023 12:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092723

Quant Time: Sep 28 00:46:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:50:58 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	19.404	3.0	94	0.00
3 M	Chloromethane	20.000	19.012	4.9	94	0.00
4 M	Vinyl Chloride	20.000	20.046	-0.2	100	0.00
5 M	Bromomethane	20.000	18.569	7.2	98	0.00
6 M	Chloroethane	20.000	18.697	6.5	96	0.00
7 M	Trichlorofluoromethane	20.000	20.132	-0.7	99	0.00
8 T	Diethyl Ether	20.000	19.551	2.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.607	2.0	97	0.01
10 M	1,1-Dichloroethene	20.000	20.248	-1.2	97	0.00
11	Methyl Iodide	20.000	20.668	-3.3	99	0.00
12	Methyl Acetate	20.000	19.465	2.7	94	0.00
13 M	Acrolein	100.000	100.558	-0.6	96	0.00
14 M	Acrylonitrile	100.000	96.668	3.3	93	0.00
15 M	Acetone	100.000	93.576	6.4	92	0.00
16 M	Carbon Disulfide	20.000	19.623	1.9	98	0.00
17	Allyl chloride	20.000	19.090	4.6	89	0.00
18 M	Methylene Chloride	20.000	19.128	4.4	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.438	2.8	95	0.00
20 T	Diisopropyl ether	20.000	20.378	-1.9	97	0.00
21 M	1,1-Dichloroethane	20.000	19.699	1.5	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.825	0.9	98	0.00
23 M	tert-Butyl Alcohol	100.000	92.800	7.2	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.641	1.8	94	0.00
25 M	Chloroform	20.000	19.660	1.7	96	0.00
26	Cyclohexane	20.000	19.659	1.7	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.383	-1.3	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.347	3.3	95	0.00
30 M	2-Butanone	100.000	93.542	6.5	91	0.00
31	2,2-Dichloropropane	20.000	19.634	1.8	97	0.00
32 M	1,1,1-Trichloroethane	20.000	19.866	0.7	97	0.00
33 M	Carbon Tetrachloride	20.000	19.640	1.8	97	0.00
34 M	Benzene	20.000	19.500	2.5	96	0.00
35	Methacrylonitrile	20.000	17.959	10.2	87	0.00
36 M	1,2-Dichloroethane	20.000	19.159	4.2	96	0.00
37 M	Trichloroethene	20.000	19.146	4.3	95	0.00
38	Methylcyclohexane	20.000	19.528	2.4	96	0.00
39 M	1,2-Dichloropropane	20.000	19.481	2.6	96	0.00
40	Dibromomethane	20.000	19.299	3.5	96	0.00
41 M	Bromodichloromethane	20.000	19.251	3.7	94	0.00
42 M	Vinyl Acetate	100.000	98.854	1.1	97	0.00
43	Ethyl Acetate	20.000	20.069	-0.3	110	-0.01
44	Isopropyl Acetate	20.000	19.533	2.3	94	0.00
45 T	1,4-Dioxane	400.000	381.462	4.6	95	0.00
46	Methyl methacrylate	20.000	19.904	0.5	95	0.00
47	n-amyl Acetate	20.000	20.104	-0.5	96	0.00
48 M	t-1,3-Dichloropropene	20.000	19.115	4.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.523	2.4	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.431	2.8	95	0.00
51	Ethyl methacrylate	20.000	19.307	3.5	93	0.00
52	1,3-Dichloropropane	20.000	18.945	5.3	95	0.00
53 M	Dibromochloromethane	20.000	19.862	0.7	97	0.00
54 M	1,2-Dibromoethane	20.000	18.772	6.1	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.185	-4.2	102	0.00
56 M	Bromoform	20.000	19.853	0.7	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.934	2.1	94	0.00
59 M	2-Hexanone	100.000	97.250	2.8	94	0.00
60 S	4-Bromofluorobenzene	30.000	30.894	-3.0	97	0.00
61 M	Tetrachloroethene	20.000	19.298	3.5	97	0.00
62 M	Toluene	20.000	19.435	2.8	96	0.00
63 S	Toluene-d8	30.000	30.170	-0.6	99	0.00
64 M	Chlorobenzene	20.000	19.585	2.1	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.758	1.2	98	0.00
66 M	Ethyl Benzene	20.000	19.871	0.6	96	0.00
67 M	m/p-Xylenes	40.000	40.917	-2.3	96	0.00
68 M	o-Xylene	20.000	19.712	1.4	94	0.00
69 M	Styrene	20.000	20.538	-2.7	96	0.00
70	Isopropylbenzene	20.000	20.307	-1.5	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.844	5.8	94	0.00
72	1,2,3-Trichloropropane	20.000	16.485	17.6	82	0.00
73	Bromobenzene	20.000	19.556	2.2	95	0.00
74	n-propylbenzene	20.000	20.413	-2.1	97	0.00
75	2-Chlorotoluene	20.000	20.235	-1.2	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.421	-2.1	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.826	-4.1	98	0.00
78	4-Chlorotoluene	20.000	20.512	-2.6	99	0.00
79	tert-butylbenzene	20.000	19.718	1.4	97	0.00
80	1,2,4-Trimethylbenzene	20.000	20.242	-1.2	97	0.00
81	sec-Butylbenzene	20.000	19.899	0.5	98	0.00
82	p-Isopropyltoluene	20.000	19.430	2.9	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.206	-1.0	98	0.00
84 M	1,4-Dichlorobenzene	20.000	22.166	-10.8	107	0.00
85	n-Butylbenzene	20.000	21.782	-8.9	106	0.00
86 T	Hexachloroethane	20.000	21.008	-5.0	105	0.00
87 M	1,2-Dichlorobenzene	20.000	21.881	-9.4	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.906	-14.5	111	0.00
89	1,2,4-Trichlorobenzene	20.000	18.101	9.5	80	0.00
90	Hexachlorobutadiene	20.000	17.546	12.3	81	0.00
91 M	Naphthalene	20.000	17.355	13.2	83	0.00
92	1,2,3-Trichlorobenzene	20.000	18.100	9.5	80	0.00

(#) = Out of Range

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