

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084474.D
 Acq On : 23 Oct 2024 16:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 24 04:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 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	107	-0.45
2 M	Dichlorodifluoromethane	20.000	0.000	100.0#	0	-2.12#
3 M	Chloromethane	20.000	0.021	99.9#	0	-0.15
4 M	Vinyl Chloride	20.000	0.513	97.4#	3	-0.38
5 M	Bromomethane	20.000	0.000	100.0#	0	-2.96#
6 M	Chloroethane	20.000	0.114	99.4#	1	0.24
7 M	Trichlorofluoromethane	20.000	11.541	42.3#	61	-0.12
8 T	Diethyl Ether	20.000	0.000	100.0#	0	-3.97#
9	1,1,2-Trichlorotrifluoroeth	20.000	0.000	100.0#	0	-4.37#
10 M	1,1-Dichloroethene	20.000	0.000	100.0#	0	-4.34#
11	Methyl Iodide	20.000	0.000	100.0#	0	-4.59#
12	Methyl Acetate	20.000	10.174	49.1#	56	-0.15
13 M	Acrolein	100.000	0.000	100.0#	0	-4.18#
14 M	Acrylonitrile	100.000	0.049	100.0#	0	-0.68#
15 M	Acetone	100.000	0.783	99.2#	1	0.12
16 M	Carbon Disulfide	20.000	2.703	86.5#	14	-0.67#
17	Allyl chloride	20.000	9.741	51.3#	51	-0.13
18 M	Methylene Chloride	20.000	0.000	100.0#	0	-5.28#
19 M	trans-1,2-Dichloroethene	20.000	0.000	100.0#	0	-5.79#
20 T	Diisopropyl ether	20.000	0.000	100.0#	0	-6.67#
21 M	1,1-Dichloroethane	20.000	19.855	0.7	104	-0.74#
22 M	cis-1,2-Dichloroethene	20.000	20.071	-0.4	105	-0.52#
23 M	tert-Butyl Alcohol	100.000	0.413	99.6#	0	-0.61#
24 M	Methyl tert-Butyl Ether	20.000	0.000	100.0#	0	-5.80#
25 M	Chloroform	20.000	21.245	-6.2	110	-0.41
26	Cyclohexane	20.000	18.078	9.6	92	-0.37
27 s	1,2-Dichloroethane-d4	30.000	30.085	-0.3	105	-0.32
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	-0.24
29	1,1-Dichloropropene	20.000	20.084	-0.4	101	-0.35
30 M	2-Butanone	100.000	0.042	100.0#	0	0.00
31	2,2-Dichloropropane	20.000	0.332	98.3#	2	0.39
32 M	1,1,1-Trichloroethane	20.000	22.038	-10.2	108	-0.39
33 M	Carbon Tetrachloride	20.000	21.553	-7.8	109	-0.36
34 M	Benzene	20.000	21.467	-7.3	107	-0.32
35	Methacrylonitrile	20.000	14.512	27.4#	75	-0.45
36 M	1,2-Dichloroethane	20.000	22.007	-10.0	109	-0.30
37 M	Trichloroethene	20.000	20.953	-4.8	102	-0.22
38	Methylcyclohexane	20.000	19.218	3.9	101	-0.19
39 M	1,2-Dichloropropane	20.000	22.200	-11.0	109	-0.19
40	Dibromomethane	20.000	21.766	-8.8	110	-0.18
41 M	Bromodichloromethane	20.000	21.792	-9.0	109	-0.16
42 M	Vinyl Acetate	100.000	0.010	100.0#	0	-0.32
43	Ethyl Acetate	20.000	0.021	99.9#	0	-0.08
44	Isopropyl Acetate	20.000	0.013	99.9#	0	-0.06
45 T	1,4-Dioxane	400.000	3.553	99.1#	1	-0.14
46	Methyl methacrylate	20.000	19.178	4.1	98	-0.17
47	n-amyl Acetate	20.000	19.520	2.4	100	-0.02
48 M	t-1,3-Dichloropropene	20.000	20.162	-0.8	104	-0.09

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.227	-6.1	105	-0.13
50 M	1,1,2-Trichloroethane	20.000	21.752	-8.8	109	-0.08
51	Ethyl methacrylate	20.000	19.307	3.5	99	-0.09
52	1,3-Dichloropropane	20.000	21.268	-6.3	106	-0.08
53 M	Dibromochloromethane	20.000	21.805	-9.0	110	-0.07
54 M	1,2-Dibromoethane	20.000	21.003	-5.0	104	-0.07
55 M	2-Chloroethyl vinyl ether	100.000	96.270	3.7	102	-0.13
56 M	Bromoform	20.000	20.717	-3.6	109	-0.03
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	-0.05
58 M	4-Methyl-2-Pentanone	100.000	94.597	5.4	97	-0.12
59 M	2-Hexanone	100.000	97.329	2.7	101	-0.07
60 S	4-Bromofluorobenzene	30.000	30.899	-3.0	106	-0.02
61 M	Tetrachloroethene	20.000	20.353	-1.8	103	-0.08
62 M	Toluene	20.000	21.043	-5.2	107	-0.11
63 S	Toluene-d8	30.000	30.540	-1.8	104	-0.12
64 M	Chlorobenzene	20.000	21.194	-6.0	109	-0.05
65	1,1,1,2-Tetrachloroethane	20.000	21.878	-9.4	111	-0.05
66 M	Ethyl Benzene	20.000	20.619	-3.1	106	-0.05
67 M	m/p-Xylenes	40.000	42.565	-6.4	109	-0.04
68 M	o-Xylene	20.000	20.575	-2.9	106	-0.04
69 M	Styrene	20.000	21.045	-5.2	109	-0.04
70	Isopropylbenzene	20.000	20.923	-4.6	107	-0.02
71 M	1,1,2,2-Tetrachloroethane	20.000	21.017	-5.1	108	-0.02
72	1,2,3-Trichloropropane	20.000	21.477	-7.4	111	-0.02
73	Bromobenzene	20.000	21.748	-8.7	112	-0.03
74	n-propylbenzene	20.000	21.345	-6.7	110	-0.02
75	2-Chlorotoluene	20.000	21.350	-6.8	109	-0.02
76	1,3,5-Trimethylbenzene	20.000	21.644	-8.2	111	-0.02
77	t-1,4-Dichloro-2-butene	20.000	14.913	25.4#	82	-0.02
78	4-Chlorotoluene	20.000	21.113	-5.6	109	-0.02
79	tert-butylbenzene	20.000	20.730	-3.7	108	-0.01
80	1,2,4-Trimethylbenzene	20.000	21.818	-9.1	113	-0.01
81	sec-Butylbenzene	20.000	21.695	-8.5	112	-0.01
82	p-Isopropyltoluene	20.000	21.466	-7.3	113	-0.01
83 M	1,3-Dichlorobenzene	20.000	21.482	-7.4	111	-0.02
84 M	1,4-Dichlorobenzene	20.000	21.072	-5.4	113	-0.01
85	n-Butylbenzene	20.000	20.899	-4.5	114	0.00
86 T	Hexachloroethane	20.000	20.856	-4.3	109	-0.01
87 M	1,2-Dichlorobenzene	20.000	21.409	-7.0	112	-0.01
88	1,2-Dibromo-3-Chloropropane	20.000	18.024	9.9	94	-0.01
89	1,2,4-Trichlorobenzene	20.000	19.379	3.1	105	0.00
90	Hexachlorobutadiene	20.000	20.814	-4.1	114	0.00
91 M	Naphthalene	20.000	16.614	16.9	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.379	3.1	105	0.00

(#) = Out of Range

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