

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085216.D
 Acq On : 16 Dec 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 17 02:01:40 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	21.179	-5.9	97	0.00
3 M	Chloromethane	20.000	20.658	-3.3	98	0.00
4 M	Vinyl Chloride	20.000	21.156	-5.8	101	0.00
5 M	Bromomethane	20.000	18.777	6.1	91	0.00
6 M	Chloroethane	20.000	21.499	-7.5	104	0.00
7 M	Trichlorofluoromethane	20.000	20.361	-1.8	98	0.00
8 T	Diethyl Ether	20.000	20.263	-1.3	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.901	-4.5	101	0.00
10 M	1,1-Dichloroethene	20.000	20.266	-1.3	99	0.00
11	Methyl Iodide	20.000	16.205	19.0	82	0.00
12	Methyl Acetate	20.000	21.532	-7.7	106	0.00
13 M	Acrolein	100.000	110.222	-10.2	127	0.00
14 M	Acrylonitrile	100.000	103.071	-3.1	104	0.00
15 M	Acetone	100.000	118.123	-18.1	118	0.00
16 M	Carbon Disulfide	20.000	19.886	0.6	95	0.00
17	Allyl chloride	20.000	19.485	2.6	100	0.00
18 M	Methylene Chloride	20.000	19.149	4.3	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.087	-0.4	100	0.00
20 T	Diisopropyl ether	20.000	20.042	-0.2	95	0.00
21 M	1,1-Dichloroethane	20.000	20.181	-0.9	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.118	-0.6	97	0.00
23 M	tert-Butyl Alcohol	100.000	99.351	0.6	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.646	-3.2	101	0.00
25 M	Chloroform	20.000	20.586	-2.9	99	0.00
26	Cyclohexane	20.000	19.513	2.4	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.486	-1.6	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.952	0.2	98	0.00
30 M	2-Butanone	100.000	104.700	-4.7	105	0.00
31	2,2-Dichloropropane	20.000	20.016	-0.1	100	0.00
32 M	1,1,1-Trichloroethane	20.000	20.352	-1.8	98	0.00
33 M	Carbon Tetrachloride	20.000	19.971	0.1	98	0.00
34 M	Benzene	20.000	19.668	1.7	97	0.00
35	Methacrylonitrile	20.000	18.649	6.8	91	0.00
36 M	1,2-Dichloroethane	20.000	19.608	2.0	98	0.00
37 M	Trichloroethene	20.000	19.715	1.4	98	0.00
38	Methylcyclohexane	20.000	19.104	4.5	102	0.00
39 M	1,2-Dichloropropane	20.000	19.424	2.9	95	0.00
40	Dibromomethane	20.000	20.246	-1.2	98	0.00
41 M	Bromodichloromethane	20.000	19.780	1.1	98	0.00
42 M	Vinyl Acetate	100.000	102.535	-2.5	104	0.00
43	Ethyl Acetate	20.000	20.300	-1.5	108	0.00
44	Isopropyl Acetate	20.000	20.553	-2.8	103	0.00
45 T	1,4-Dioxane	400.000	410.991	-2.7	99	0.00
46	Methyl methacrylate	20.000	20.757	-3.8	104	0.00
47	n-amyl Acetate	20.000	19.928	0.4	102	0.00
48 M	t-1,3-Dichloropropene	20.000	19.447	2.8	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.185	4.1	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.106	-0.5	98	0.00
51	Ethyl methacrylate	20.000	19.790	1.1	103	0.00
52	1,3-Dichloropropane	20.000	20.068	-0.3	100	0.00
53 M	Dibromochloromethane	20.000	20.142	-0.7	100	0.00
54 M	1,2-Dibromoethane	20.000	19.998	0.0	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.632	4.4	95	0.00
56 M	Bromoform	20.000	19.663	1.7	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.359	-1.4	97	0.00
59 M	2-Hexanone	100.000	99.918	0.1	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.335	-1.1	98	0.00
61 M	Tetrachloroethene	20.000	20.047	-0.2	98	0.00
62 M	Toluene	20.000	19.603	2.0	96	0.00
63 S	Toluene-d8	30.000	29.742	0.9	93	0.00
64 M	Chlorobenzene	20.000	20.374	-1.9	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.821	0.9	100	0.00
66 M	Ethyl Benzene	20.000	19.992	0.0	103	0.00
67 M	m/p-Xylenes	40.000	40.773	-1.9	98	0.00
68 M	o-Xylene	20.000	20.398	-2.0	102	0.00
69 M	Styrene	20.000	20.189	-0.9	101	0.00
70	Isopropylbenzene	20.000	20.146	-0.7	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.416	-2.1	97	0.00
72	1,2,3-Trichloropropane	20.000	19.108	4.5	90	0.00
73	Bromobenzene	20.000	20.542	-2.7	102	0.00
74	n-propylbenzene	20.000	20.162	-0.8	100	0.00
75	2-Chlorotoluene	20.000	20.066	-0.3	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.451	-2.3	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.797	6.0	96	0.00
78	4-Chlorotoluene	20.000	20.129	-0.6	100	0.00
79	tert-butylbenzene	20.000	19.923	0.4	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.790	-3.9	103	0.00
81	sec-Butylbenzene	20.000	20.111	-0.6	100	0.00
82	p-Isopropyltoluene	20.000	20.444	-2.2	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.134	-0.7	101	0.00
84 M	1,4-Dichlorobenzene	20.000	20.546	-2.7	103	0.00
85	n-Butylbenzene	20.000	19.773	1.1	105	0.00
86 T	Hexachloroethane	20.000	20.814	-4.1	104	0.00
87 M	1,2-Dichlorobenzene	20.000	20.380	-1.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.062	-0.3	98	0.00
89	1,2,4-Trichlorobenzene	20.000	19.481	2.6	101	0.00
90	Hexachlorobutadiene	20.000	19.555	2.2	98	0.00
91 M	Naphthalene	20.000	19.380	3.1	110	0.00
92	1,2,3-Trichlorobenzene	20.000	19.481	2.6	101	0.00

(#) = Out of Range

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