

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084987.D
 Acq On : 21 Nov 2024 10:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 21 14:42:37 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	21.065	-5.3	108	0.00
3 M	Chloromethane	20.000	18.823	5.9	99	0.00
4 M	Vinyl Chloride	20.000	19.332	3.3	100	0.00
5 M	Bromomethane	20.000	20.510	-2.6	102	0.00
6 M	Chloroethane	20.000	19.058	4.7	99	0.01
7 M	Trichlorofluoromethane	20.000	20.134	-0.7	103	0.00
8 T	Diethyl Ether	20.000	19.162	4.2	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.635	-3.2	104	0.00
10 M	1,1-Dichloroethene	20.000	19.024	4.9	98	0.00
11	Methyl Iodide	20.000	19.533	2.3	102	0.00
12	Methyl Acetate	20.000	17.106	14.5	94	0.00
13 M	Acrolein	100.000	106.654	-6.7	111	0.00
14 M	Acrylonitrile	100.000	97.839	2.2	105	0.00
15 M	Acetone	100.000	98.698	1.3	105	0.00
16 M	Carbon Disulfide	20.000	17.876	10.6	93	0.00
17	Allyl chloride	20.000	16.033	19.8	84	0.00
18 M	Methylene Chloride	20.000	18.513	7.4	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.454	7.7	97	0.00
20 T	Diisopropyl ether	20.000	19.044	4.8	98	0.00
21 M	1,1-Dichloroethane	20.000	18.768	6.2	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.832	10.8	95	0.00
23 M	tert-Butyl Alcohol	100.000	95.380	4.6	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.900	5.5	100	0.00
25 M	Chloroform	20.000	19.164	4.2	98	0.00
26	Cyclohexane	20.000	19.921	0.4	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.357	-1.2	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	19.686	1.6	99	0.00
30 M	2-Butanone	100.000	102.552	-2.6	108	0.00
31	2,2-Dichloropropane	20.000	21.316	-6.6	105	0.00
32 M	1,1,1-Trichloroethane	20.000	19.678	1.6	97	0.00
33 M	Carbon Tetrachloride	20.000	20.382	-1.9	104	0.00
34 M	Benzene	20.000	18.985	5.1	97	0.00
35	Methacrylonitrile	20.000	19.629	1.9	103	0.00
36 M	1,2-Dichloroethane	20.000	19.732	1.3	98	0.00
37 M	Trichloroethene	20.000	18.691	6.5	94	0.00
38	Methylcyclohexane	20.000	18.714	6.4	99	0.00
39 M	1,2-Dichloropropane	20.000	19.290	3.6	97	0.00
40	Dibromomethane	20.000	19.716	1.4	99	0.00
41 M	Bromodichloromethane	20.000	19.291	3.5	99	0.00
42 M	Vinyl Acetate	100.000	95.413	4.6	99	0.00
43	Ethyl Acetate	20.000	18.577	7.1	99	0.00
44	Isopropyl Acetate	20.000	19.652	1.7	108	0.00
45 T	1,4-Dioxane	400.000	391.521	2.1	101	0.00
46	Methyl methacrylate	20.000	18.914	5.4	101	0.00
47	n-amyl Acetate	20.000	18.723	6.4	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.552	7.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.989	5.1	97	0.00
50 M	1,1,2-Trichloroethane	20.000	20.380	-1.9	101	0.00
51	Ethyl methacrylate	20.000	18.273	8.6	98	0.00
52	1,3-Dichloropropane	20.000	19.519	2.4	98	0.00
53 M	Dibromochloromethane	20.000	19.490	2.6	100	0.00
54 M	1,2-Dibromoethane	20.000	19.550	2.2	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.800	3.2	97	0.00
56 M	Bromoform	20.000	19.451	2.7	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.239	-3.2	106	0.00
59 M	2-Hexanone	100.000	106.636	-6.6	111	0.00
60 S	4-Bromofluorobenzene	30.000	31.340	-4.5	114	0.00
61 M	Tetrachloroethene	20.000	19.060	4.7	96	0.00
62 M	Toluene	20.000	19.298	3.5	99	0.00
63 S	Toluene-d8	30.000	30.010	-0.0	105	0.00
64 M	Chlorobenzene	20.000	18.997	5.0	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.209	4.0	97	0.00
66 M	Ethyl Benzene	20.000	18.142	9.3	95	0.00
67 M	m/p-Xylenes	40.000	38.476	3.8	99	0.00
68 M	o-Xylene	20.000	19.001	5.0	97	0.00
69 M	Styrene	20.000	19.105	4.5	100	0.00
70	Isopropylbenzene	20.000	18.911	5.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.307	-1.5	102	0.00
72	1,2,3-Trichloropropane	20.000	19.782	1.1	91	0.00
73	Bromobenzene	20.000	19.182	4.1	98	0.00
74	n-propylbenzene	20.000	19.354	3.2	102	0.00
75	2-Chlorotoluene	20.000	19.416	2.9	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.422	2.9	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.043	-0.2	104	0.00
78	4-Chlorotoluene	20.000	19.198	4.0	100	0.00
79	tert-butylbenzene	20.000	19.317	3.4	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.621	1.9	102	0.00
81	sec-Butylbenzene	20.000	19.240	3.8	102	0.00
82	p-Isopropyltoluene	20.000	19.384	3.1	104	0.00
83 M	1,3-Dichlorobenzene	20.000	18.780	6.1	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.325	8.4	97	0.00
85	n-Butylbenzene	20.000	18.220	8.9	103	0.00
86 T	Hexachloroethane	20.000	20.109	-0.5	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.451	2.7	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.322	-1.6	103	0.00
89	1,2,4-Trichlorobenzene	20.000	17.542	12.3	92	0.00
90	Hexachlorobutadiene	20.000	21.601	-8.0	112	0.00
91 M	Naphthalene	20.000	16.121	19.4	92	0.00
92	1,2,3-Trichlorobenzene	20.000	17.542	12.3	92	0.00

(#) = Out of Range

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