

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080731.D
 Acq On : 22 Jan 2024 10:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 23 01:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	19.737	1.3	104	0.00
3 M	Chloromethane	20.000	19.973	0.1	108	0.00
4 M	Vinyl Chloride	20.000	20.023	-0.1	107	0.00
5 M	Bromomethane	20.000	21.965	-9.8	115	0.00
6 M	Chloroethane	20.000	21.101	-5.5	109	0.00
7 M	Trichlorofluoromethane	20.000	18.511	7.4	97	0.00
8 T	Diethyl Ether	20.000	18.831	5.8	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.370	3.1	100	0.00
10 M	1,1-Dichloroethene	20.000	18.484	7.6	96	0.00
11	Methyl Iodide	20.000	18.095	9.5	96	0.00
12	Methyl Acetate	20.000	17.960	10.2	93	0.00
13 M	Acrolein	100.000	73.931	26.1#	79	0.00
14 M	Acrylonitrile	100.000	95.523	4.5	99	0.00
15 M	Acetone	100.000	79.419	20.6	80	0.00
16 M	Carbon Disulfide	20.000	18.770	6.2	98	0.00
17	Allyl chloride	20.000	18.468	7.7	97	0.00
18 M	Methylene Chloride	20.000	18.359	8.2	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.303	3.5	97	0.00
20 T	Diisopropyl ether	20.000	19.701	1.5	102	0.00
21 M	1,1-Dichloroethane	20.000	19.520	2.4	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.842	0.8	103	0.00
23 M	tert-Butyl Alcohol	100.000	83.991	16.0	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.480	7.6	93	0.00
25 M	Chloroform	20.000	18.773	6.1	98	0.00
26	Cyclohexane	20.000	20.347	-1.7	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.785	10.7	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.439	-2.2	104	0.00
30 M	2-Butanone	100.000	92.555	7.4	89	0.00
31	2,2-Dichloropropane	20.000	19.595	2.0	99	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.487	2.6	100	0.00
33 M	Carbon Tetrachloride	20.000	19.477	2.6	100	0.00
34 M	Benzene	20.000	20.849	-4.2	104	0.00
35	Methacrylonitrile	20.000	20.272	-1.4	99	0.00
36 M	1,2-Dichloroethane	20.000	17.507	12.5	87	0.00
37 M	Trichloroethene	20.000	19.706	1.5	102	0.00
38	Methylcyclohexane	20.000	21.510	-7.6	108	0.00
39 M	1,2-Dichloropropane	20.000	20.960	-4.8	106	0.00
40	Dibromomethane	20.000	19.468	2.7	96	0.00
41 M	Bromodichloromethane	20.000	19.032	4.8	95	0.00
42 M	Vinyl Acetate	100.000	98.507	1.5	96	0.00
43	Ethyl Acetate	20.000	19.730	1.3	89	0.00
44	Isopropyl Acetate	20.000	19.179	4.1	95	0.00
45 T	1,4-Dioxane	400.000	338.114	15.5	75	0.00
46	Methyl methacrylate	20.000	18.739	6.3	93	0.00
47	n-amyl Acetate	20.000	18.717	6.4	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.211	3.9	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.198	-1.0	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.813	0.9	96	0.00
51	Ethyl methacrylate	20.000	19.276	3.6	95	0.00
52	1,3-Dichloropropane	20.000	19.940	0.3	97	0.00
53 M	Dibromochloromethane	20.000	19.629	1.9	96	0.00
54 M	1,2-Dibromoethane	20.000	19.428	2.9	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.009	-5.0	99	0.00
56 M	Bromoform	20.000	19.465	2.7	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.293	2.7	93	0.00
59 M	2-Hexanone	100.000	94.728	5.3	92	0.00
60 S	4-Bromofluorobenzene	30.000	28.067	6.4	88	0.00
61 M	Tetrachloroethene	20.000	21.285	-6.4	105	0.00
62 M	Toluene	20.000	20.373	-1.9	101	0.00
63 S	Toluene-d8	30.000	29.709	1.0	92	0.00
64 M	Chlorobenzene	20.000	21.038	-5.2	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.917	0.4	101	0.00
66 M	Ethyl Benzene	20.000	20.895	-4.5	105	0.00
67 M	m/p-Xylenes	40.000	42.316	-5.8	103	0.00
68 M	o-Xylene	20.000	20.938	-4.7	105	0.00
69 M	Styrene	20.000	20.567	-2.8	101	0.00
70	Isopropylbenzene	20.000	20.444	-2.2	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.832	5.8	91	0.00
72	1,2,3-Trichloropropane	20.000	20.090	-0.4	93	0.00
73	Bromobenzene	20.000	19.852	0.7	98	0.00
74	n-propylbenzene	20.000	21.031	-5.2	104	0.00
75	2-Chlorotoluene	20.000	19.843	0.8	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.480	-2.4	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.751	1.2	99	0.00
78	4-Chlorotoluene	20.000	20.045	-0.2	103	0.00
79	tert-butylbenzene	20.000	20.481	-2.4	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.374	-1.9	98	0.00
81	sec-Butylbenzene	20.000	21.062	-5.3	106	0.00
82	p-Isopropyltoluene	20.000	21.877	-9.4	108	0.00
83 M	1,3-Dichlorobenzene	20.000	21.236	-6.2	105	0.00
84 M	1,4-Dichlorobenzene	20.000	21.015	-5.1	105	0.00
85	n-Butylbenzene	20.000	20.721	-3.6	106	0.00
86 T	Hexachloroethane	20.000	19.223	3.9	107	0.00
87 M	1,2-Dichlorobenzene	20.000	20.588	-2.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.469	12.7	82	0.00
89	1,2,4-Trichlorobenzene	20.000	20.823	-4.1	101	-0.01
90	Hexachlorobutadiene	20.000	19.437	2.8	101	0.00
91 M	Naphthalene	20.000	18.745	6.3	90	0.00
92	1,2,3-Trichlorobenzene	20.000	20.823	-4.1	101	-0.01

(#) = Out of Range

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