

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084993.D
 Acq On : 21 Nov 2024 13:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 21 14:43:49 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	20.622	-3.1	90	0.00
3 M	Chloromethane	20.000	18.896	5.5	84	0.00
4 M	Vinyl Chloride	20.000	19.872	0.6	87	0.00
5 M	Bromomethane	20.000	19.390	3.0	82	0.00
6 M	Chloroethane	20.000	20.014	-0.1	88	0.00
7 M	Trichlorofluoromethane	20.000	20.408	-2.0	88	0.00
8 T	Diethyl Ether	20.000	20.391	-2.0	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.435	-2.2	87	-0.01
10 M	1,1-Dichloroethene	20.000	19.380	3.1	85	0.00
11	Methyl Iodide	20.000	18.444	7.8	82	0.00
12	Methyl Acetate	20.000	18.275	8.6	86	0.00
13 M	Acrolein	100.000	110.211	-10.2	98	0.00
14 M	Acrylonitrile	100.000	101.004	-1.0	92	0.00
15 M	Acetone	100.000	108.097	-8.1	97	0.00
16 M	Carbon Disulfide	20.000	18.161	9.2	80	0.00
17	Allyl chloride	20.000	18.823	5.9	84	0.00
18 M	Methylene Chloride	20.000	19.072	4.6	82	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.077	4.6	85	0.00
20 T	Diisopropyl ether	20.000	19.540	2.3	86	0.00
21 M	1,1-Dichloroethane	20.000	19.397	3.0	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.207	4.0	87	0.00
23 M	tert-Butyl Alcohol	100.000	119.841	-19.8	111	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.631	1.8	88	0.00
25 M	Chloroform	20.000	19.924	0.4	86	0.00
26	Cyclohexane	20.000	19.846	0.8	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.664	1.1	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.719	1.4	85	0.00
30 M	2-Butanone	100.000	109.815	-9.8	99	0.00
31	2,2-Dichloropropane	20.000	21.441	-7.2	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.725	-3.6	88	0.00
33 M	Carbon Tetrachloride	20.000	20.329	-1.6	89	0.00
34 M	Benzene	20.000	19.781	1.1	86	0.00
35	Methacrylonitrile	20.000	20.759	-3.8	93	0.00
36 M	1,2-Dichloroethane	20.000	20.606	-3.0	88	0.00
37 M	Trichloroethene	20.000	19.973	0.1	86	0.00
38	Methylcyclohexane	20.000	18.184	9.1	82	0.00
39 M	1,2-Dichloropropane	20.000	19.636	1.8	85	0.00
40	Dibromomethane	20.000	21.012	-5.1	90	0.00
41 M	Bromodichloromethane	20.000	19.531	2.3	86	0.00
42 M	Vinyl Acetate	100.000	100.410	-0.4	89	0.00
43	Ethyl Acetate	20.000	20.283	-1.4	92	0.00
44	Isopropyl Acetate	20.000	20.364	-1.8	95	0.00
45 T	1,4-Dioxane	400.000	432.696	-8.2	96	0.00
46	Methyl methacrylate	20.000	19.494	2.5	89	0.00
47	n-amyl Acetate	20.000	19.351	3.2	86	0.00
48 M	t-1,3-Dichloropropene	20.000	19.170	4.1	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.405	3.0	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.866	-4.3	89	0.00
51	Ethyl methacrylate	20.000	19.452	2.7	90	0.00
52	1,3-Dichloropropane	20.000	20.473	-2.4	88	0.00
53 M	Dibromochloromethane	20.000	20.161	-0.8	89	0.00
54 M	1,2-Dibromoethane	20.000	20.107	-0.5	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.787	4.2	82	0.00
56 M	Bromoform	20.000	19.687	1.6	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.205	-9.2	95	0.00
59 M	2-Hexanone	100.000	108.224	-8.2	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.390	2.0	90	0.00
61 M	Tetrachloroethene	20.000	19.679	1.6	84	0.00
62 M	Toluene	20.000	20.169	-0.8	87	0.00
63 S	Toluene-d8	30.000	29.639	1.2	88	0.00
64 M	Chlorobenzene	20.000	19.954	0.2	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.084	-5.4	91	0.00
66 M	Ethyl Benzene	20.000	19.151	4.2	85	0.00
67 M	m/p-Xylenes	40.000	39.825	0.4	87	0.00
68 M	o-Xylene	20.000	20.138	-0.7	87	0.00
69 M	Styrene	20.000	19.347	3.3	85	0.00
70	Isopropylbenzene	20.000	19.689	1.6	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.940	-9.7	93	0.00
72	1,2,3-Trichloropropane	20.000	20.188	-0.9	79	0.00
73	Bromobenzene	20.000	19.463	2.7	85	0.00
74	n-propylbenzene	20.000	19.455	2.7	87	0.00
75	2-Chlorotoluene	20.000	19.685	1.6	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.930	0.4	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.381	8.1	81	0.00
78	4-Chlorotoluene	20.000	19.243	3.8	85	0.00
79	tert-butylbenzene	20.000	20.459	-2.3	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.786	1.1	88	0.00
81	sec-Butylbenzene	20.000	19.500	2.5	88	0.00
82	p-Isopropyltoluene	20.000	19.190	4.0	87	0.00
83 M	1,3-Dichlorobenzene	20.000	19.404	3.0	85	0.00
84 M	1,4-Dichlorobenzene	20.000	18.999	5.0	85	0.00
85	n-Butylbenzene	20.000	17.986	10.1	86	0.00
86 T	Hexachloroethane	20.000	19.973	0.1	87	0.00
87 M	1,2-Dichlorobenzene	20.000	19.989	0.1	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.103	-15.5	100	0.00
89	1,2,4-Trichlorobenzene	20.000	18.033	9.8	80	0.00
90	Hexachlorobutadiene	20.000	21.408	-7.0	95	0.00
91 M	Naphthalene	20.000	17.764	11.2	86	0.00
92	1,2,3-Trichlorobenzene	20.000	18.033	9.8	80	0.00

(#) = Out of Range

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