

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084626.D
 Acq On : 31 Oct 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 01 02:50:26 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	17.556	12.2	89	0.00
3 M	Chloromethane	20.000	17.841	10.8	92	0.00
4 M	Vinyl Chloride	20.000	17.664	11.7	89	0.00
5 M	Bromomethane	20.000	17.209	14.0	84	0.00
6 M	Chloroethane	20.000	17.330	13.4	88	0.02
7 M	Trichlorofluoromethane	20.000	17.840	10.8	89	0.00
8 T	Diethyl Ether	20.000	18.092	9.5	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.730	11.3	87	0.00
10 M	1,1-Dichloroethene	20.000	17.701	11.5	90	0.00
11	Methyl Iodide	20.000	18.155	9.2	93	0.00
12	Methyl Acetate	20.000	17.428	12.9	94	0.00
13 M	Acrolein	100.000	96.263	3.7	99	0.00
14 M	Acrylonitrile	100.000	92.711	7.3	98	0.00
15 M	Acetone	100.000	87.145	12.9	91	0.00
16 M	Carbon Disulfide	20.000	17.491	12.5	89	0.00
17	Allyl chloride	20.000	17.435	12.8	89	0.00
18 M	Methylene Chloride	20.000	17.925	10.4	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.451	12.7	90	0.00
20 T	Diisopropyl ether	20.000	18.019	9.9	91	0.00
21 M	1,1-Dichloroethane	20.000	17.670	11.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.853	10.7	93	0.00
23 M	tert-Butyl Alcohol	100.000	78.117	21.9	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.966	10.2	93	0.00
25 M	Chloroform	20.000	18.080	9.6	91	0.00
26	Cyclohexane	20.000	17.177	14.1	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.730	0.9	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	17.416	12.9	88	0.00
30 M	2-Butanone	100.000	91.177	8.8	96	0.00
31	2,2-Dichloropropane	20.000	17.033	14.8	85	0.00
32 M	1,1,1-Trichloroethane	20.000	17.729	11.4	89	0.00
33 M	Carbon Tetrachloride	20.000	17.338	13.3	89	0.00
34 M	Benzene	20.000	17.784	11.1	91	0.00
35	Methacrylonitrile	20.000	18.051	9.7	95	0.00
36 M	1,2-Dichloroethane	20.000	18.526	7.4	93	0.00
37 M	Trichloroethene	20.000	17.430	12.9	88	0.00
38	Methylcyclohexane	20.000	15.916	20.4	85	0.00
39 M	1,2-Dichloropropane	20.000	17.773	11.1	90	0.00
40	Dibromomethane	20.000	18.068	9.7	91	0.00
41 M	Bromodichloromethane	20.000	17.707	11.5	92	0.00
42 M	Vinyl Acetate	100.000	88.421	11.6	93	0.00
43	Ethyl Acetate	20.000	18.781	6.1	101	0.00
44	Isopropyl Acetate	20.000	15.531	22.3	86	0.00
45 T	1,4-Dioxane	400.000	357.179	10.7	93	0.00
46	Methyl methacrylate	20.000	18.277	8.6	98	0.00
47	n-amyl Acetate	20.000	18.884	5.6	98	0.00
48 M	t-1,3-Dichloropropene	20.000	17.088	14.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.467	12.7	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.161	9.2	91	0.00
51	Ethyl methacrylate	20.000	18.402	8.0	100	0.00
52	1,3-Dichloropropane	20.000	18.085	9.6	91	0.00
53 M	Dibromochloromethane	20.000	18.150	9.3	94	0.00
54 M	1,2-Dibromoethane	20.000	18.087	9.6	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.975	-3.0	104	0.00
56 M	Bromoform	20.000	17.343	13.3	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.159	4.8	100	0.00
59 M	2-Hexanone	100.000	92.986	7.0	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.796	0.7	110	0.00
61 M	Tetrachloroethene	20.000	18.726	6.4	97	0.00
62 M	Toluene	20.000	17.710	11.4	92	0.00
63 S	Toluene-d8	30.000	29.628	1.2	106	0.00
64 M	Chlorobenzene	20.000	18.217	8.9	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.020	9.9	93	0.00
66 M	Ethyl Benzene	20.000	17.191	14.0	92	0.00
67 M	m/p-Xylenes	40.000	35.109	12.2	92	0.00
68 M	o-Xylene	20.000	17.890	10.5	93	0.00
69 M	Styrene	20.000	17.717	11.4	94	0.00
70	Isopropylbenzene	20.000	17.454	12.7	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.656	6.7	95	0.00
72	1,2,3-Trichloropropane	20.000	18.236	8.8	86	0.00
73	Bromobenzene	20.000	17.566	12.2	92	0.00
74	n-propylbenzene	20.000	17.237	13.8	92	0.00
75	2-Chlorotoluene	20.000	17.599	12.0	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.571	12.1	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.601	12.0	94	0.00
78	4-Chlorotoluene	20.000	17.438	12.8	92	0.00
79	tert-butylbenzene	20.000	17.923	10.4	99	0.00
80	1,2,4-Trimethylbenzene	20.000	17.920	10.4	95	0.00
81	sec-Butylbenzene	20.000	17.211	13.9	93	0.00
82	p-Isopropyltoluene	20.000	17.052	14.7	93	0.00
83 M	1,3-Dichlorobenzene	20.000	17.500	12.5	92	0.00
84 M	1,4-Dichlorobenzene	20.000	17.420	12.9	94	0.00
85	n-Butylbenzene	20.000	16.167	19.2	93	0.00
86 T	Hexachloroethane	20.000	17.280	13.6	91	0.00
87 M	1,2-Dichlorobenzene	20.000	17.894	10.5	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.394	3.0	101	0.00
89	1,2,4-Trichlorobenzene	20.000	16.266	18.7	87	0.00
90	Hexachlorobutadiene	20.000	16.796	16.0	89	0.00
91 M	Naphthalene	20.000	16.885	15.6	98	0.00
92	1,2,3-Trichlorobenzene	20.000	16.266	18.7	87	0.00

(#) = Out of Range

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