

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084403.D
 Acq On : 14 Oct 2024 09:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 15 01:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	18.123	9.4	84	0.00
3 M	Chloromethane	20.000	18.003	10.0	86	0.00
4 M	Vinyl Chloride	20.000	18.097	9.5	86	0.00
5 M	Bromomethane	20.000	17.895	10.5	84	0.00
6 M	Chloroethane	20.000	17.582	12.1	83	0.00
7 M	Trichlorofluoromethane	20.000	18.069	9.7	87	0.00
8 T	Diethyl Ether	20.000	16.974	15.1	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.888	5.6	92	0.01
10 M	1,1-Dichloroethene	20.000	17.841	10.8	89	0.00
11	Methyl Iodide	20.000	17.140	14.3	83	-0.01
12	Methyl Acetate	20.000	19.101	4.5	96	0.00
13 M	Acrolein	100.000	84.650	15.3	89	0.00
14 M	Acrylonitrile	100.000	91.789	8.2	88	0.00
15 M	Acetone	100.000	112.592	-12.6	116	0.00
16 M	Carbon Disulfide	20.000	17.298	13.5	83	0.00
17	Allyl chloride	20.000	16.119	19.4	77	0.00
18 M	Methylene Chloride	20.000	18.284	8.6	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.981	10.1	87	0.00
20 T	Diisopropyl ether	20.000	17.850	10.7	86	0.00
21 M	1,1-Dichloroethane	20.000	18.392	8.0	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.336	8.3	87	0.00
23 M	tert-Butyl Alcohol	100.000	86.459	13.5	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.548	12.3	85	0.00
25 M	Chloroform	20.000	19.419	2.9	92	0.00
26	Cyclohexane	20.000	15.638	21.8	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.308	2.3	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	19.451	2.7	85	0.00
30 M	2-Butanone	100.000	105.783	-5.8	94	0.00
31	2,2-Dichloropropane	20.000	20.552	-2.8	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.146	-0.7	86	0.00
33 M	Carbon Tetrachloride	20.000	20.132	-0.7	88	0.00
34 M	Benzene	20.000	20.297	-1.5	88	0.00
35	Methacrylonitrile	20.000	19.906	0.5	89	0.00
36 M	1,2-Dichloroethane	20.000	20.457	-2.3	88	0.00
37 M	Trichloroethene	20.000	19.661	1.7	83	0.00
38	Methylcyclohexane	20.000	17.501	12.5	80	0.00
39 M	1,2-Dichloropropane	20.000	20.326	-1.6	87	0.00
40	Dibromomethane	20.000	20.941	-4.7	92	0.00
41 M	Bromodichloromethane	20.000	20.769	-3.8	91	0.00
42 M	Vinyl Acetate	100.000	91.872	8.1	83	0.00
43	Ethyl Acetate	20.000	20.442	-2.2	91	0.00
44	Isopropyl Acetate	20.000	19.365	3.2	85	0.00
45 T	1,4-Dioxane	400.000	419.986	-5.0	98	0.00
46	Methyl methacrylate	20.000	18.160	9.2	80	0.00
47	n-amyl Acetate	20.000	18.142	9.3	81	0.00
48 M	t-1,3-Dichloropropene	20.000	18.782	6.1	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.847	0.8	86	0.00
50 M	1,1,2-Trichloroethane	20.000	21.282	-6.4	93	0.00
51	Ethyl methacrylate	20.000	18.498	7.5	82	0.00
52	1,3-Dichloropropane	20.000	20.112	-0.6	87	0.00
53 M	Dibromochloromethane	20.000	20.516	-2.6	90	0.00
54 M	1,2-Dibromoethane	20.000	19.457	2.7	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	113.584	-13.6	105	0.00
56 M	Bromoform	20.000	20.608	-3.0	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.693	1.3	88	0.00
59 M	2-Hexanone	100.000	102.202	-2.2	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.562	-1.9	91	0.00
61 M	Tetrachloroethene	20.000	19.762	1.2	87	0.00
62 M	Toluene	20.000	20.051	-0.3	89	0.00
63 S	Toluene-d8	30.000	31.026	-3.4	92	0.00
64 M	Chlorobenzene	20.000	19.551	2.2	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.707	1.5	87	0.00
66 M	Ethyl Benzene	20.000	18.899	5.5	85	0.00
67 M	m/p-Xylenes	40.000	39.418	1.5	88	0.00
68 M	o-Xylene	20.000	18.708	6.5	84	0.00
69 M	Styrene	20.000	19.328	3.4	87	0.00
70	Isopropylbenzene	20.000	19.058	4.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.247	-6.2	95	0.00
72	1,2,3-Trichloropropane	20.000	20.553	-2.8	93	0.00
73	Bromobenzene	20.000	20.068	-0.3	90	0.00
74	n-propylbenzene	20.000	19.364	3.2	87	0.00
75	2-Chlorotoluene	20.000	19.195	4.0	85	0.00
76	1,3,5-Trimethylbenzene	20.000	19.470	2.7	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.753	6.2	90	0.00
78	4-Chlorotoluene	20.000	19.384	3.1	87	0.00
79	tert-butylbenzene	20.000	18.879	5.6	85	0.00
80	1,2,4-Trimethylbenzene	20.000	19.457	2.7	88	0.00
81	sec-Butylbenzene	20.000	19.348	3.3	87	0.00
82	p-Isopropyltoluene	20.000	18.745	6.3	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.101	-0.5	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.742	1.3	92	0.00
85	n-Butylbenzene	20.000	18.160	9.2	87	0.00
86 T	Hexachloroethane	20.000	19.453	2.7	89	0.00
87 M	1,2-Dichlorobenzene	20.000	20.258	-1.3	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.269	-1.3	92	0.00
89	1,2,4-Trichlorobenzene	20.000	18.452	7.7	87	0.00
90	Hexachlorobutadiene	20.000	18.973	5.1	91	0.00
91 M	Naphthalene	20.000	16.605	17.0	79	0.00
92	1,2,3-Trichlorobenzene	20.000	18.452	7.7	87	0.00

(#) = Out of Range

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