

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083715.D
 Acq On : 09 Sep 2024 14:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 10 01:20:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.353	-1.8	95	0.00
3 M	Chloromethane	20.000	20.206	-1.0	95	0.00
4 M	Vinyl Chloride	20.000	19.567	2.2	93	0.00
5 M	Bromomethane	20.000	20.014	-0.1	93	0.00
6 M	Chloroethane	20.000	21.377	-6.9	103	0.00
7 M	Trichlorofluoromethane	20.000	19.740	1.3	95	0.01
8 T	Diethyl Ether	20.000	19.960	0.2	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.300	-1.5	99	0.00
10 M	1,1-Dichloroethene	20.000	19.618	1.9	95	0.00
11	Methyl Iodide	20.000	19.731	1.3	95	0.00
12	Methyl Acetate	20.000	20.052	-0.3	101	0.00
13 M	Acrolein	100.000	124.789	-24.8	108	0.00
14 M	Acrylonitrile	100.000	100.610	-0.6	97	0.00
15 M	Acetone	100.000	82.407	17.6	85	0.00
16 M	Carbon Disulfide	20.000	18.506	7.5	88	0.00
17	Allyl chloride	20.000	19.764	1.2	96	0.00
18 M	Methylene Chloride	20.000	20.521	-2.6	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.566	2.2	93	0.00
20 T	Diisopropyl ether	20.000	19.746	1.3	98	0.00
21 M	1,1-Dichloroethane	20.000	20.424	-2.1	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.904	0.5	94	0.00
23 M	tert-Butyl Alcohol	100.000	103.267	-3.3	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.788	1.1	94	0.00
25 M	Chloroform	20.000	20.269	-1.3	97	0.00
26	Cyclohexane	20.000	19.353	3.2	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.228	-0.8	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.958	0.2	94	0.00
30 M	2-Butanone	100.000	98.193	1.8	93	0.00
31	2,2-Dichloropropane	20.000	21.177	-5.9	101	0.00
32 M	1,1,1-Trichloroethane	20.000	20.279	-1.4	95	0.00
33 M	Carbon Tetrachloride	20.000	20.821	-4.1	99	0.00
34 M	Benzene	20.000	20.640	-3.2	95	0.00
35	Methacrylonitrile	20.000	20.637	-3.2	94	0.00
36 M	1,2-Dichloroethane	20.000	21.032	-5.2	98	0.00
37 M	Trichloroethene	20.000	19.845	0.8	95	0.00
38	Methylcyclohexane	20.000	20.083	-0.4	97	0.00
39 M	1,2-Dichloropropane	20.000	20.254	-1.3	95	0.00
40	Dibromomethane	20.000	20.524	-2.6	94	0.00
41 M	Bromodichloromethane	20.000	20.418	-2.1	97	0.00
42 M	Vinyl Acetate	100.000	96.427	3.6	98	0.00
43	Ethyl Acetate	20.000	20.250	-1.3	94	0.00
44	Isopropyl Acetate	20.000	20.980	-4.9	99	0.00
45 T	1,4-Dioxane	400.000	415.074	-3.8	92	0.00
46	Methyl methacrylate	20.000	20.366	-1.8	98	0.00
47	n-amyl Acetate	20.000	20.492	-2.5	98	0.00
48 M	t-1,3-Dichloropropene	20.000	19.368	3.2	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.283	-1.4	98	0.00
50 M	1,1,2-Trichloroethane	20.000	21.318	-6.6	100	0.00
51	Ethyl methacrylate	20.000	19.837	0.8	91	0.00
52	1,3-Dichloropropane	20.000	20.753	-3.8	97	0.00
53 M	Dibromochloromethane	20.000	20.096	-0.5	97	0.00
54 M	1,2-Dibromoethane	20.000	20.287	-1.4	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.248	10.8	75	0.00
56 M	Bromoform	20.000	19.098	4.5	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.857	-4.9	99	0.00
59 M	2-Hexanone	100.000	101.193	-1.2	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.845	0.5	93	0.00
61 M	Tetrachloroethene	20.000	19.363	3.2	96	0.00
62 M	Toluene	20.000	19.864	0.7	95	0.00
63 S	Toluene-d8	30.000	29.753	0.8	90	0.00
64 M	Chlorobenzene	20.000	19.302	3.5	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.247	-1.2	98	0.00
66 M	Ethyl Benzene	20.000	19.143	4.3	94	0.00
67 M	m/p-Xylenes	40.000	38.741	3.1	94	0.00
68 M	o-Xylene	20.000	19.855	0.7	94	0.00
69 M	Styrene	20.000	19.351	3.2	94	0.00
70	Isopropylbenzene	20.000	19.598	2.0	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.279	-1.4	95	0.00
72	1,2,3-Trichloropropane	20.000	21.106	-5.5	100	0.00
73	Bromobenzene	20.000	19.640	1.8	95	0.00
74	n-propylbenzene	20.000	18.968	5.2	93	0.00
75	2-Chlorotoluene	20.000	19.534	2.3	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.597	2.0	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.349	3.3	96	0.00
78	4-Chlorotoluene	20.000	18.842	5.8	92	0.00
79	tert-butylbenzene	20.000	19.713	1.4	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.742	1.3	96	0.00
81	sec-Butylbenzene	20.000	19.466	2.7	97	0.00
82	p-Isopropyltoluene	20.000	19.165	4.2	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.783	6.1	92	0.00
84 M	1,4-Dichlorobenzene	20.000	18.001	10.0	88	0.00
85	n-Butylbenzene	20.000	18.038	9.8	92	0.00
86 T	Hexachloroethane	20.000	19.681	1.6	98	0.00
87 M	1,2-Dichlorobenzene	20.000	19.007	5.0	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.351	-1.8	98	0.00
89	1,2,4-Trichlorobenzene	20.000	16.442	17.8	81	0.00
90	Hexachlorobutadiene	20.000	18.386	8.1	93	0.00
91 M	Naphthalene	20.000	17.009	15.0	84	0.00
92	1,2,3-Trichlorobenzene	20.000	16.442	17.8	81	0.00

(#) = Out of Range

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