

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084322.D
 Acq On : 04 Oct 2024 18:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 04 23:02:05 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	15.980	20.1	84	0.00
3 M	Chloromethane	20.000	18.111	9.4	96	0.00
4 M	Vinyl Chloride	20.000	17.715	11.4	94	0.00
5 M	Bromomethane	20.000	19.420	2.9	102	0.05
6 M	Chloroethane	20.000	17.716	11.4	97	0.03
7 M	Trichlorofluoromethane	20.000	17.640	11.8	96	0.03
8 T	Diethyl Ether	20.000	17.722	11.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.078	4.6	105	0.01
10 M	1,1-Dichloroethene	20.000	17.866	10.7	98	0.02
11	Methyl Iodide	20.000	17.150	14.3	93	0.00
12	Methyl Acetate	20.000	21.765	-8.8	123	0.01
13 M	Acrolein	100.000	94.639	5.4	93	0.00
14 M	Acrylonitrile	100.000	97.495	2.5	106	0.00
15 M	Acetone	100.000	92.113	7.9	107	0.00
16 M	Carbon Disulfide	20.000	16.753	16.2	90	0.01
17	Allyl chloride	20.000	16.583	17.1	91	0.01
18 M	Methylene Chloride	20.000	19.080	4.6	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.907	10.5	95	0.01
20 T	Diisopropyl ether	20.000	18.901	5.5	106	0.00
21 M	1,1-Dichloroethane	20.000	19.461	2.7	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.320	8.4	98	0.00
23 M	tert-Butyl Alcohol	100.000	78.979	21.0	84	-0.02
24 M	Methyl tert-Butyl Ether	20.000	17.292	13.5	93	0.00
25 M	Chloroform	20.000	18.925	5.4	102	0.00
26	Cyclohexane	20.000	16.619	16.9	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.853	10.5	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	19.267	3.7	96	0.00
30 M	2-Butanone	100.000	98.708	1.3	99	0.00
31	2,2-Dichloropropane	20.000	18.190	9.0	92	0.00
32 M	1,1,1-Trichloroethane	20.000	19.477	2.6	97	0.00
33 M	Carbon Tetrachloride	20.000	19.334	3.3	97	0.00
34 M	Benzene	20.000	20.658	-3.3	101	0.00
35	Methacrylonitrile	20.000	20.672	-3.4	100	0.00
36 M	1,2-Dichloroethane	20.000	19.129	4.4	95	0.00
37 M	Trichloroethene	20.000	20.158	-0.8	102	0.00
38	Methylcyclohexane	20.000	16.738	16.3	85	0.00
39 M	1,2-Dichloropropane	20.000	21.676	-8.4	108	0.00
40	Dibromomethane	20.000	20.209	-1.0	98	0.00
41 M	Bromodichloromethane	20.000	20.641	-3.2	104	0.00
42 M	Vinyl Acetate	100.000	86.785	13.2	93	0.00
43	Ethyl Acetate	20.000	18.176	9.1	89	0.00
44	Isopropyl Acetate	20.000	19.907	0.5	99	0.00
45 T	1,4-Dioxane	400.000	294.715	26.3#	69	0.00
46	Methyl methacrylate	20.000	19.005	5.0	97	0.00
47	n-amyl Acetate	20.000	19.961	0.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.537	7.3	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.097	4.5	97	0.00
50 M	1,1,2-Trichloroethane	20.000	21.269	-6.3	106	0.00
51	Ethyl methacrylate	20.000	19.039	4.8	93	0.00
52	1,3-Dichloropropane	20.000	20.356	-1.8	101	0.00
53 M	Dibromochloromethane	20.000	21.152	-5.8	108	0.00
54 M	1,2-Dibromoethane	20.000	21.207	-6.0	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.945	5.1	85	0.00
56 M	Bromoform	20.000	20.702	-3.5	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.406	-8.4	107	0.00
59 M	2-Hexanone	100.000	101.767	-1.8	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.578	1.4	96	0.00
61 M	Tetrachloroethene	20.000	20.688	-3.4	107	0.00
62 M	Toluene	20.000	19.876	0.6	100	0.00
63 S	Toluene-d8	30.000	30.862	-2.9	98	0.00
64 M	Chlorobenzene	20.000	19.988	0.1	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.405	-2.0	103	0.00
66 M	Ethyl Benzene	20.000	18.637	6.8	97	0.00
67 M	m/p-Xylenes	40.000	38.510	3.7	98	0.00
68 M	o-Xylene	20.000	19.391	3.0	97	0.00
69 M	Styrene	20.000	19.458	2.7	99	0.00
70	Isopropylbenzene	20.000	18.556	7.2	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.299	-6.5	105	0.00
72	1,2,3-Trichloropropane	20.000	20.509	-2.5	102	0.00
73	Bromobenzene	20.000	20.265	-1.3	103	0.00
74	n-propylbenzene	20.000	19.208	4.0	99	0.00
75	2-Chlorotoluene	20.000	19.354	3.2	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.164	4.2	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.068	4.7	99	0.00
78	4-Chlorotoluene	20.000	19.260	3.7	99	0.00
79	tert-butylbenzene	20.000	18.516	7.4	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.145	4.3	98	0.00
81	sec-Butylbenzene	20.000	18.721	6.4	98	0.00
82	p-Isopropyltoluene	20.000	18.491	7.5	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.611	1.9	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.110	4.5	98	0.00
85	n-Butylbenzene	20.000	17.834	10.8	96	0.00
86 T	Hexachloroethane	20.000	18.989	5.1	99	0.00
87 M	1,2-Dichlorobenzene	20.000	19.516	2.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.532	12.3	89	0.00
89	1,2,4-Trichlorobenzene	20.000	16.589	17.1	86	0.00
90	Hexachlorobutadiene	20.000	19.743	1.3	105	0.00
91 M	Naphthalene	20.000	15.107	24.5	78	0.00
92	1,2,3-Trichlorobenzene	20.000	16.589	17.1	86	0.00

(#) = Out of Range

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