

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083704.D
 Acq On : 06 Sep 2024 18:24
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 06 23:50:37 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	19.870	0.6	92	0.00
3 M	Chloromethane	20.000	21.611	-8.1	101	0.00
4 M	Vinyl Chloride	20.000	20.715	-3.6	97	0.00
5 M	Bromomethane	20.000	19.941	0.3	92	0.00
6 M	Chloroethane	20.000	23.588	-17.9	113	0.00
7 M	Trichlorofluoromethane	20.000	20.690	-3.5	99	0.00
8 T	Diethyl Ether	20.000	22.440	-12.2	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.255	-1.3	98	0.00
10 M	1,1-Dichloroethene	20.000	20.283	-1.4	98	0.00
11	Methyl Iodide	20.000	15.498	22.5	74	0.00
12	Methyl Acetate	20.000	22.549	-12.7	113	0.00
13 M	Acrolein	100.000	111.414	-11.4	96	0.00
14 M	Acrylonitrile	100.000	111.376	-11.4	107	0.00
15 M	Acetone	100.000	90.933	9.1	93	0.00
16 M	Carbon Disulfide	20.000	19.576	2.1	93	0.00
17	Allyl chloride	20.000	20.753	-3.8	100	0.00
18 M	Methylene Chloride	20.000	23.426	-17.1	111	0.01
19 M	trans-1,2-Dichloroethene	20.000	19.755	1.2	93	0.00
20 T	Diisopropyl ether	20.000	21.786	-8.9	107	0.00
21 M	1,1-Dichloroethane	20.000	21.445	-7.2	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.547	-2.7	97	0.00
23 M	tert-Butyl Alcohol	100.000	111.033	-11.0	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.503	-7.5	101	0.00
25 M	Chloroform	20.000	21.390	-7.0	101	0.00
26	Cyclohexane	20.000	19.525	2.4	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.029	-3.4	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.915	0.4	96	0.00
30 M	2-Butanone	100.000	104.927	-4.9	103	0.00
31	2,2-Dichloropropane	20.000	19.064	4.7	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.695	-3.5	100	0.00
33 M	Carbon Tetrachloride	20.000	20.363	-1.8	100	0.00
34 M	Benzene	20.000	21.166	-5.8	100	0.00
35	Methacrylonitrile	20.000	20.593	-3.0	97	0.00
36 M	1,2-Dichloroethane	20.000	21.500	-7.5	103	0.00
37 M	Trichloroethene	20.000	20.141	-0.7	99	0.00
38	Methylcyclohexane	20.000	19.291	3.5	95	0.00
39 M	1,2-Dichloropropane	20.000	21.286	-6.4	103	0.00
40	Dibromomethane	20.000	21.659	-8.3	102	0.00
41 M	Bromodichloromethane	20.000	21.165	-5.8	104	0.00
42 M	Vinyl Acetate	100.000	96.567	3.4	100	0.00
43	Ethyl Acetate	20.000	20.785	-3.9	99	0.00
44	Isopropyl Acetate	20.000	22.290	-11.4	108	0.00
45 T	1,4-Dioxane	400.000	431.856	-8.0	98	0.00
46	Methyl methacrylate	20.000	21.382	-6.9	106	0.00
47	n-amyl Acetate	20.000	22.077	-10.4	109	0.00
48 M	t-1,3-Dichloropropene	20.000	19.420	2.9	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.966	0.2	99	0.00
50 M	1,1,2-Trichloroethane	20.000	21.908	-9.5	106	0.00
51	Ethyl methacrylate	20.000	21.097	-5.5	100	0.00
52	1,3-Dichloropropane	20.000	21.063	-5.3	101	0.00
53 M	Dibromochloromethane	20.000	20.109	-0.5	100	0.00
54 M	1,2-Dibromoethane	20.000	21.169	-5.8	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.377	-7.4	93	0.00
56 M	Bromoform	20.000	19.366	3.2	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	114.896	-14.9	108	0.00
59 M	2-Hexanone	100.000	111.506	-11.5	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.229	-0.8	94	0.00
61 M	Tetrachloroethene	20.000	20.338	-1.7	100	0.00
62 M	Toluene	20.000	21.176	-5.9	101	0.00
63 S	Toluene-d8	30.000	30.342	-1.1	92	0.00
64 M	Chlorobenzene	20.000	20.287	-1.4	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.908	-4.5	101	0.00
66 M	Ethyl Benzene	20.000	20.387	-1.9	100	0.00
67 M	m/p-Xylenes	40.000	40.963	-2.4	99	0.00
68 M	o-Xylene	20.000	20.733	-3.7	98	0.00
69 M	Styrene	20.000	20.215	-1.1	98	0.00
70	Isopropylbenzene	20.000	20.249	-1.2	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.129	-10.6	104	0.00
72	1,2,3-Trichloropropane	20.000	21.653	-8.3	102	0.00
73	Bromobenzene	20.000	20.237	-1.2	98	0.00
74	n-propylbenzene	20.000	19.638	1.8	96	0.00
75	2-Chlorotoluene	20.000	20.321	-1.6	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.841	-4.2	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.548	32.3#	67	0.00
78	4-Chlorotoluene	20.000	19.983	0.1	98	0.00
79	tert-butylbenzene	20.000	21.143	-5.7	100	0.00
80	1,2,4-Trimethylbenzene	20.000	20.735	-3.7	101	0.00
81	sec-Butylbenzene	20.000	20.038	-0.2	100	0.00
82	p-Isopropyltoluene	20.000	19.987	0.1	100	0.00
83 M	1,3-Dichlorobenzene	20.000	19.417	2.9	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.082	4.6	93	0.00
85	n-Butylbenzene	20.000	18.769	6.2	96	0.00
86 T	Hexachloroethane	20.000	19.874	0.6	99	0.00
87 M	1,2-Dichlorobenzene	20.000	20.106	-0.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.533	-2.7	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.420	7.9	91	0.00
90	Hexachlorobutadiene	20.000	18.414	7.9	94	0.00
91 M	Naphthalene	20.000	18.882	5.6	93	0.00
92	1,2,3-Trichlorobenzene	20.000	18.420	7.9	91	0.00

(#) = Out of Range

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