

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081704.D
 Acq On : 11 Apr 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 06:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	21.110	-5.5	86	0.00
3 M	Chloromethane	20.000	24.465	-22.3	96	0.00
4 M	Vinyl Chloride	20.000	26.374	-31.9#	115	0.00
5 M	Bromomethane	20.000	16.545	17.3	64	0.00
6 M	Chloroethane	20.000	24.459	-22.3	104	0.00
7 M	Trichlorofluoromethane	20.000	23.467	-17.3	77	0.00
8 T	Diethyl Ether	20.000	18.990	5.1	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.209	4.0	75	-0.01
10 M	1,1-Dichloroethene	20.000	19.511	2.4	75	0.00
11	Methyl Iodide	20.000	9.620	51.9#	48	0.00
12	Methyl Acetate	20.000	19.945	0.3	82	0.00
13 M	Acrolein	100.000	89.918	10.1	79	0.00
14 M	Acrylonitrile	100.000	96.973	3.0	79	0.00
15 M	Acetone	100.000	106.301	-6.3	86	0.01
16 M	Carbon Disulfide	20.000	19.606	2.0	78	0.00
17	Allyl chloride	20.000	19.106	4.5	76	0.00
18 M	Methylene Chloride	20.000	20.057	-0.3	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.979	5.1	74	0.00
20 T	Diisopropyl ether	20.000	20.039	-0.2	77	0.00
21 M	1,1-Dichloroethane	20.000	20.104	-0.5	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.203	4.0	76	0.01
23 M	tert-Butyl Alcohol	100.000	95.372	4.6	73	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.883	0.6	78	0.00
25 M	Chloroform	20.000	20.701	-3.5	81	0.00
26	Cyclohexane	20.000	18.833	5.8	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.806	-12.7	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	19.081	4.6	80	0.00
30 M	2-Butanone	100.000	95.648	4.4	79	0.00
31	2,2-Dichloropropane	20.000	18.943	5.3	76	0.00
32 M	1,1,1-Trichloroethane	20.000	19.687	1.6	80	0.00
33 M	Carbon Tetrachloride	20.000	18.983	5.1	79	0.00
34 M	Benzene	20.000	19.122	4.4	80	0.00
35	Methacrylonitrile	20.000	19.510	2.4	80	0.00
36 M	1,2-Dichloroethane	20.000	20.764	-3.8	87	0.00
37 M	Trichloroethene	20.000	18.378	8.1	78	0.00
38	Methylcyclohexane	20.000	17.170	14.1	71	0.00
39 M	1,2-Dichloropropane	20.000	19.978	0.1	83	0.00
40	Dibromomethane	20.000	19.695	1.5	79	0.00
41 M	Bromodichloromethane	20.000	19.835	0.8	82	0.00
42 M	Vinyl Acetate	100.000	95.705	4.3	79	0.00
43	Ethyl Acetate	20.000	19.046	4.8	83	0.00
44	Isopropyl Acetate	20.000	19.308	3.5	83	0.00
45 T	1,4-Dioxane	400.000	389.987	2.5	79	0.00
46	Methyl methacrylate	20.000	19.350	3.2	83	0.00
47	n-amyl Acetate	20.000	19.548	2.3	85	0.00
48 M	t-1,3-Dichloropropene	20.000	18.335	8.3	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.025	4.9	79	0.00
50 M	1,1,2-Trichloroethane	20.000	19.801	1.0	82	0.00
51	Ethyl methacrylate	20.000	18.470	7.7	77	0.00
52	1,3-Dichloropropane	20.000	19.180	4.1	79	0.00
53 M	Dibromochloromethane	20.000	19.121	4.4	79	0.00
54 M	1,2-Dibromoethane	20.000	19.314	3.4	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.111	5.9	81	0.00
56 M	Bromoform	20.000	18.617	6.9	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.722	-0.7	83	0.00
59 M	2-Hexanone	100.000	97.139	2.9	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.727	-2.4	84	0.00
61 M	Tetrachloroethene	20.000	19.526	2.4	82	0.00
62 M	Toluene	20.000	19.314	3.4	79	0.00
63 S	Toluene-d8	30.000	30.359	-1.2	81	0.00
64 M	Chlorobenzene	20.000	19.114	4.4	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.855	5.7	76	0.00
66 M	Ethyl Benzene	20.000	18.756	6.2	77	0.00
67 M	m/p-Xylenes	40.000	38.326	4.2	77	0.00
68 M	o-Xylene	20.000	18.657	6.7	77	0.00
69 M	Styrene	20.000	18.789	6.1	77	0.00
70	Isopropylbenzene	20.000	18.921	5.4	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.464	-2.3	83	0.00
72	1,2,3-Trichloropropane	20.000	18.240	8.8	72	0.00
73	Bromobenzene	20.000	18.713	6.4	77	0.00
74	n-propylbenzene	20.000	18.846	5.8	79	0.00
75	2-Chlorotoluene	20.000	19.510	2.4	79	0.00
76	1,3,5-Trimethylbenzene	20.000	19.394	3.0	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.119	14.4	72	0.00
78	4-Chlorotoluene	20.000	19.817	0.9	80	0.00
79	tert-butylbenzene	20.000	18.739	6.3	77	0.00
80	1,2,4-Trimethylbenzene	20.000	19.236	3.8	78	0.00
81	sec-Butylbenzene	20.000	19.392	3.0	80	0.00
82	p-Isopropyltoluene	20.000	18.622	6.9	76	0.00
83 M	1,3-Dichlorobenzene	20.000	19.138	4.3	79	0.00
84 M	1,4-Dichlorobenzene	20.000	19.429	2.9	78	0.00
85	n-Butylbenzene	20.000	18.146	9.3	75	0.00
86 T	Hexachloroethane	20.000	18.185	9.1	76	0.00
87 M	1,2-Dichlorobenzene	20.000	20.060	-0.3	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.481	2.6	85	0.00
89	1,2,4-Trichlorobenzene	20.000	18.752	6.2	77	0.00
90	Hexachlorobutadiene	20.000	18.780	6.1	78	0.00
91 M	Naphthalene	20.000	18.741	6.3	83	0.00
92	1,2,3-Trichlorobenzene	20.000	18.752	6.2	77	0.00

(#) = Out of Range

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