

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080681.D
 Acq On : 11 Jan 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 12 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	-0.01
2 M	Dichlorodifluoromethane	20.000	19.508	2.5	91	0.00
3 M	Chloromethane	20.000	19.886	0.6	96	0.00
4 M	Vinyl Chloride	20.000	18.869	5.7	89	0.00
5 M	Bromomethane	20.000	18.952	5.2	88	0.00
6 M	Chloroethane	20.000	19.300	3.5	89	0.00
7 M	Trichlorofluoromethane	20.000	18.840	5.8	88	0.00
8 T	Diethyl Ether	20.000	19.123	4.4	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.254	-1.3	93	0.00
10 M	1,1-Dichloroethene	20.000	19.239	3.8	88	0.00
11	Methyl Iodide	20.000	18.058	9.7	85	0.00
12	Methyl Acetate	20.000	20.196	-1.0	93	0.00
13 M	Acrolein	100.000	108.331	-8.3	103	0.00
14 M	Acrylonitrile	100.000	102.150	-2.2	94	0.00
15 M	Acetone	100.000	83.324	16.7	74	0.00
16 M	Carbon Disulfide	20.000	18.658	6.7	86	0.00
17	Allyl chloride	20.000	18.293	8.5	85	0.00
18 M	Methylene Chloride	20.000	19.616	1.9	89	0.01
19 M	trans-1,2-Dichloroethene	20.000	20.171	-0.9	90	0.00
20 T	Diisopropyl ether	20.000	20.282	-1.4	93	0.00
21 M	1,1-Dichloroethane	20.000	19.651	1.7	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.352	-1.8	94	0.00
23 M	tert-Butyl Alcohol	100.000	98.660	1.3	88	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.646	1.8	88	0.00
25 M	Chloroform	20.000	19.519	2.4	90	0.00
26	Cyclohexane	20.000	20.049	-0.2	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.221	2.6	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	18.764	6.2	90	0.00
30 M	2-Butanone	100.000	90.381	9.6	82	0.00
31	2,2-Dichloropropane	20.000	18.616	6.9	89	0.00
32 M	1,1,1-Trichloroethane	20.000	18.855	5.7	91	0.00
33 M	Carbon Tetrachloride	20.000	18.862	5.7	91	0.00
34 M	Benzene	20.000	19.293	3.5	90	0.00
35	Methacrylonitrile	20.000	20.303	-1.5	93	0.00
36 M	1,2-Dichloroethane	20.000	18.586	7.1	87	0.00
37 M	Trichloroethene	20.000	19.919	0.4	97	0.00
38	Methylcyclohexane	20.000	19.397	3.0	92	0.00
39 M	1,2-Dichloropropane	20.000	20.415	-2.1	98	0.00
40	Dibromomethane	20.000	18.392	8.0	86	0.00
41 M	Bromodichloromethane	20.000	18.297	8.5	86	0.00
42 M	Vinyl Acetate	100.000	96.691	3.3	89	0.00
43	Ethyl Acetate	20.000	17.668	11.7	75	0.00
44	Isopropyl Acetate	20.000	18.806	6.0	88	0.00
45 T	1,4-Dioxane	400.000	375.349	6.2	79	0.00
46	Methyl methacrylate	20.000	19.757	1.2	92	0.00
47	n-amyl Acetate	20.000	19.655	1.7	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.537	7.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.605	2.0	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.839	0.8	91	0.00
51	Ethyl methacrylate	20.000	19.467	2.7	91	0.00
52	1,3-Dichloropropane	20.000	19.341	3.3	89	0.00
53 M	Dibromochloromethane	20.000	19.561	2.2	90	0.00
54 M	1,2-Dibromoethane	20.000	19.677	1.6	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.846	-4.8	93	0.00
56 M	Bromoform	20.000	18.852	5.7	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.581	2.4	88	0.00
59 M	2-Hexanone	100.000	93.537	6.5	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.718	0.9	88	0.00
61 M	Tetrachloroethene	20.000	19.622	1.9	92	0.00
62 M	Toluene	20.000	20.135	-0.7	95	0.00
63 S	Toluene-d8	30.000	30.296	-1.0	89	0.00
64 M	Chlorobenzene	20.000	19.570	2.1	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.161	4.2	92	0.00
66 M	Ethyl Benzene	20.000	20.072	-0.4	95	0.00
67 M	m/p-Xylenes	40.000	39.651	0.9	91	0.00
68 M	o-Xylene	20.000	20.082	-0.4	96	0.00
69 M	Styrene	20.000	20.167	-0.8	94	0.00
70	Isopropylbenzene	20.000	19.716	1.4	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.980	5.1	87	0.00
72	1,2,3-Trichloropropane	20.000	21.385	-6.9	94	0.00
73	Bromobenzene	20.000	18.702	6.5	87	0.00
74	n-propylbenzene	20.000	19.784	1.1	93	0.00
75	2-Chlorotoluene	20.000	19.513	2.4	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.873	0.6	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.137	-0.7	95	0.00
78	4-Chlorotoluene	20.000	19.259	3.7	94	0.00
79	tert-butylbenzene	20.000	20.095	-0.5	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.405	-2.0	92	0.00
81	sec-Butylbenzene	20.000	19.450	2.8	92	0.00
82	p-Isopropyltoluene	20.000	20.614	-3.1	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.902	0.5	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.295	3.5	91	0.00
85	n-Butylbenzene	20.000	19.714	1.4	95	0.00
86 T	Hexachloroethane	20.000	18.080	9.6	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.205	-1.0	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.721	11.4	78	0.00
89	1,2,4-Trichlorobenzene	20.000	19.476	2.6	89	-0.01
90	Hexachlorobutadiene	20.000	17.991	10.0	89	0.00
91 M	Naphthalene	20.000	18.344	8.3	83	0.00
92	1,2,3-Trichlorobenzene	20.000	19.476	2.6	89	-0.01

(#) = Out of Range

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