

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081969.D
 Acq On : 02 May 2024 09:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 00:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	19.325	3.4	87	0.00
3 M	Chloromethane	20.000	19.544	2.3	89	0.00
4 M	Vinyl Chloride	20.000	19.295	3.5	89	0.00
5 M	Bromomethane	20.000	18.450	7.8	82	-0.01
6 M	Chloroethane	20.000	19.072	4.6	84	0.00
7 M	Trichlorofluoromethane	20.000	18.190	9.0	81	0.00
8 T	Diethyl Ether	20.000	19.551	2.2	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.208	9.0	80	0.01
10 M	1,1-Dichloroethene	20.000	19.258	3.7	88	0.00
11	Methyl Iodide	20.000	17.076	14.6	88	-0.01
12	Methyl Acetate	20.000	21.136	-5.7	96	0.00
13 M	Acrolein	100.000	73.624	26.4#	69	0.00
14 M	Acrylonitrile	100.000	106.193	-6.2	95	0.00
15 M	Acetone	100.000	106.091	-6.1	92	0.00
16 M	Carbon Disulfide	20.000	18.520	7.4	86	0.00
17	Allyl chloride	20.000	20.224	-1.1	87	0.00
18 M	Methylene Chloride	20.000	20.317	-1.6	94	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.101	4.5	90	-0.01
20 T	Diisopropyl ether	20.000	20.031	-0.2	90	0.00
21 M	1,1-Dichloroethane	20.000	19.694	1.5	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.479	2.6	89	0.00
23 M	tert-Butyl Alcohol	100.000	108.028	-8.0	92	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.364	3.2	85	0.00
25 M	Chloroform	20.000	19.274	3.6	86	0.00
26	Cyclohexane	20.000	19.901	0.5	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.499	-5.0	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	18.405	8.0	87	0.00
30 M	2-Butanone	100.000	100.896	-0.9	92	0.00
31	2,2-Dichloropropane	20.000	21.565	-7.8	103	0.00
32 M	1,1,1-Trichloroethane	20.000	18.090	9.6	84	0.00
33 M	Carbon Tetrachloride	20.000	18.278	8.6	85	0.00
34 M	Benzene	20.000	19.100	4.5	88	0.00
35	Methacrylonitrile	20.000	19.444	2.8	92	0.00
36 M	1,2-Dichloroethane	20.000	18.054	9.7	85	0.00
37 M	Trichloroethene	20.000	17.402	13.0	82	0.00
38	Methylcyclohexane	20.000	18.896	5.5	88	0.00
39 M	1,2-Dichloropropane	20.000	19.621	1.9	95	0.00
40	Dibromomethane	20.000	19.322	3.4	92	0.00
41 M	Bromodichloromethane	20.000	18.304	8.5	88	0.00
42 M	Vinyl Acetate	100.000	94.189	5.8	89	0.00
43	Ethyl Acetate	20.000	18.303	8.5	88	0.01
44	Isopropyl Acetate	20.000	19.081	4.6	89	0.00
45 T	1,4-Dioxane	400.000	393.062	1.7	91	0.00
46	Methyl methacrylate	20.000	19.585	2.1	92	0.00
47	n-amyl Acetate	20.000	18.931	5.3	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.553	7.2	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081969.D
 Acq On : 02 May 2024 09:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 00:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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)
49 T	cis-1,3-Dichloropropene	20.000	19.789	1.1	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.190	4.0	89	0.00
51	Ethyl methacrylate	20.000	19.692	1.5	93	0.00
52	1,3-Dichloropropane	20.000	19.267	3.7	91	0.00
53 M	Dibromochloromethane	20.000	18.607	7.0	91	0.00
54 M	1,2-Dibromoethane	20.000	18.989	5.1	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.775	-12.8	105	0.00
56 M	Bromoform	20.000	18.559	7.2	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.510	2.5	92	0.00
59 M	2-Hexanone	100.000	99.867	0.1	94	0.00
60 S	4-Bromofluorobenzene	30.000	28.565	4.8	93	0.00
61 M	Tetrachloroethene	20.000	16.644	16.8	77	0.00
62 M	Toluene	20.000	18.381	8.1	88	0.00
63 S	Toluene-d8	30.000	29.753	0.8	94	0.00
64 M	Chlorobenzene	20.000	18.849	5.8	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.157	9.2	86	0.00
66 M	Ethyl Benzene	20.000	18.495	7.5	86	0.00
67 M	m/p-Xylenes	40.000	36.821	7.9	87	0.00
68 M	o-Xylene	20.000	19.046	4.8	88	0.00
69 M	Styrene	20.000	18.651	6.7	89	0.00
70	Isopropylbenzene	20.000	18.346	8.3	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.797	1.0	91	0.00
72	1,2,3-Trichloropropane	20.000	20.134	-0.7	97	0.00
73	Bromobenzene	20.000	17.977	10.1	88	0.00
74	n-propylbenzene	20.000	18.662	6.7	88	0.00
75	2-Chlorotoluene	20.000	18.333	8.3	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.615	6.9	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.880	5.6	92	0.00
78	4-Chlorotoluene	20.000	18.379	8.1	89	0.00
79	tert-butylbenzene	20.000	18.324	8.4	85	0.00
80	1,2,4-Trimethylbenzene	20.000	18.507	7.5	88	0.00
81	sec-Butylbenzene	20.000	19.208	4.0	92	0.00
82	p-Isopropyltoluene	20.000	18.402	8.0	86	0.00
83 M	1,3-Dichlorobenzene	20.000	18.621	6.9	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.308	8.5	87	0.00
85	n-Butylbenzene	20.000	18.883	5.6	92	0.00
86 T	Hexachloroethane	20.000	18.110	9.5	85	0.00
87 M	1,2-Dichlorobenzene	20.000	18.940	5.3	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.881	10.6	81	0.00
89	1,2,4-Trichlorobenzene	20.000	17.433	12.8	85	0.00
90	Hexachlorobutadiene	20.000	16.516	17.4	83	0.00
91 M	Naphthalene	20.000	18.075	9.6	86	0.00
92	1,2,3-Trichlorobenzene	20.000	17.433	12.8	85	0.00

(#) = Out of Range

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