

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080043.D
 Acq On : 10 Nov 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 10 23:53:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 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	17.496	12.5	86	0.00
3 M	Chloromethane	20.000	14.825	25.9#	75	0.00
4 M	Vinyl Chloride	20.000	13.253	33.7#	70	0.00
5 M	Bromomethane	20.000	14.435	27.8#	77	0.00
6 M	Chloroethane	20.000	17.285	13.6	98	0.00
7 M	Trichlorofluoromethane	20.000	18.579	7.1	100	0.00
8 T	Diethyl Ether	20.000	16.137	19.3	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.586	12.1	94	-0.01
10 M	1,1-Dichloroethene	20.000	18.250	8.8	88	0.00
11	Methyl Iodide	20.000	15.583	22.1	78	0.00
12	Methyl Acetate	20.000	17.348	13.3	88	0.00
13 M	Acrolein	100.000	74.898	25.1#	86	0.00
14 M	Acrylonitrile	100.000	87.285	12.7	89	0.00
15 M	Acetone	100.000	75.778	24.2	76	0.00
16 M	Carbon Disulfide	20.000	16.634	16.8	80	0.00
17	Allyl chloride	20.000	15.805	21.0	83	0.00
18 M	Methylene Chloride	20.000	17.772	11.1	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.475	12.6	89	0.00
20 T	Diisopropyl ether	20.000	16.760	16.2	83	0.00
21 M	1,1-Dichloroethane	20.000	17.723	11.4	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.942	15.3	86	0.00
23 M	tert-Butyl Alcohol	100.000	88.992	11.0	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.500	17.5	83	0.00
25 M	Chloroform	20.000	17.692	11.5	89	0.00
26	Cyclohexane	20.000	15.676	21.6	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.807	0.6	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.203	9.0	85	0.00
30 M	2-Butanone	100.000	84.795	15.2	80	0.00
31	2,2-Dichloropropane	20.000	18.474	7.6	87	0.00
32 M	1,1,1-Trichloroethane	20.000	19.247	3.8	92	0.00
33 M	Carbon Tetrachloride	20.000	18.891	5.5	90	0.00
34 M	Benzene	20.000	18.751	6.2	88	0.00
35	Methacrylonitrile	20.000	17.333	13.3	82	0.00
36 M	1,2-Dichloroethane	20.000	19.141	4.3	90	0.00
37 M	Trichloroethene	20.000	18.251	8.7	86	0.00
38	Methylcyclohexane	20.000	16.419	17.9	78	0.00
39 M	1,2-Dichloropropane	20.000	18.605	7.0	87	0.00
40	Dibromomethane	20.000	19.220	3.9	91	0.00
41 M	Bromodichloromethane	20.000	18.856	5.7	91	0.00
42 M	Vinyl Acetate	100.000	86.088	13.9	81	0.00
43	Ethyl Acetate	20.000	19.149	4.3	84	0.00
44	Isopropyl Acetate	20.000	18.531	7.3	88	0.00
45 T	1,4-Dioxane	400.000	391.557	2.1	91	-0.01
46	Methyl methacrylate	20.000	17.772	11.1	83	0.00
47	n-amyl Acetate	20.000	17.380	13.1	82	0.00
48 M	t-1,3-Dichloropropene	20.000	17.639	11.8	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080043.D
 Acq On : 10 Nov 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 10 23:53:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 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	18.182	9.1	85	0.00
50 M	1,1,2-Trichloroethane	20.000	19.471	2.6	92	0.00
51	Ethyl methacrylate	20.000	17.211	13.9	81	0.00
52	1,3-Dichloropropane	20.000	19.294	3.5	90	0.00
53 M	Dibromochloromethane	20.000	18.677	6.6	88	0.00
54 M	1,2-Dibromoethane	20.000	18.862	5.7	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.966	9.0	84	0.00
56 M	Bromoform	20.000	19.413	2.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.495	7.5	87	0.00
59 M	2-Hexanone	100.000	87.333	12.7	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.502	-1.7	99	0.00
61 M	Tetrachloroethene	20.000	18.322	8.4	89	0.00
62 M	Toluene	20.000	18.652	6.7	89	0.00
63 S	Toluene-d8	30.000	31.015	-3.4	99	0.00
64 M	Chlorobenzene	20.000	18.231	8.8	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.828	5.9	89	0.00
66 M	Ethyl Benzene	20.000	17.491	12.5	84	0.00
67 M	m/p-Xylenes	40.000	37.026	7.4	86	0.00
68 M	o-Xylene	20.000	17.814	10.9	85	0.00
69 M	Styrene	20.000	18.278	8.6	86	0.00
70	Isopropylbenzene	20.000	17.632	11.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.128	4.4	91	0.00
72	1,2,3-Trichloropropane	20.000	18.789	6.1	93	0.00
73	Bromobenzene	20.000	18.632	6.8	91	0.00
74	n-propylbenzene	20.000	17.943	10.3	86	0.00
75	2-Chlorotoluene	20.000	18.158	9.2	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.491	7.5	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.609	12.0	88	0.00
78	4-Chlorotoluene	20.000	18.210	8.9	88	0.00
79	tert-butylbenzene	20.000	17.680	11.6	85	0.00
80	1,2,4-Trimethylbenzene	20.000	18.469	7.7	88	0.00
81	sec-Butylbenzene	20.000	17.736	11.3	85	0.00
82	p-Isopropyltoluene	20.000	17.954	10.2	86	0.00
83 M	1,3-Dichlorobenzene	20.000	18.605	7.0	88	0.00
84 M	1,4-Dichlorobenzene	20.000	17.851	10.7	87	0.00
85	n-Butylbenzene	20.000	16.899	15.5	83	0.00
86 T	Hexachloroethane	20.000	18.247	8.8	90	0.00
87 M	1,2-Dichlorobenzene	20.000	18.502	7.5	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.638	6.8	89	0.00
89	1,2,4-Trichlorobenzene	20.000	16.299	18.5	77	0.00
90	Hexachlorobutadiene	20.000	17.293	13.5	84	0.00
91 M	Naphthalene	20.000	13.926	30.4#	66	0.00
92	1,2,3-Trichlorobenzene	20.000	16.299	18.5	77	0.00

(#) = Out of Range

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