

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081802.D
 Acq On : 19 Apr 2024 11:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 23:33:46 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	59	-0.01
2 M	Dichlorodifluoromethane	20.000	15.763	21.2	46	0.00
3 M	Chloromethane	20.000	23.668	-18.3	67	0.00
4 M	Vinyl Chloride	20.000	25.148	-25.7#	79	0.00
5 M	Bromomethane	20.000	25.191	-26.0#	70	0.00
6 M	Chloroethane	20.000	27.018	-35.1#	83	0.00
7 M	Trichlorofluoromethane	20.000	26.270	-31.4#	62	0.00
8 T	Diethyl Ether	20.000	30.427	-52.1#	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.806	11.0	50	0.00
10 M	1,1-Dichloroethene	20.000	17.518	12.4	48	0.00
11	Methyl Iodide	20.000	15.387	23.1	55	0.00
12	Methyl Acetate	20.000	20.106	-0.5	60	0.00
13 M	Acrolein	100.000	98.695	1.3	63	0.00
14 M	Acrylonitrile	100.000	94.382	5.6	55	0.00
15 M	Acetone	100.000	102.610	-2.6	59	0.01
16 M	Carbon Disulfide	20.000	16.079	19.6	46	0.00
17	Allyl chloride	20.000	19.679	1.6	56	0.00
18 M	Methylene Chloride	20.000	18.085	9.6	51	-0.02
19 M	trans-1,2-Dichloroethene	20.000	17.754	11.2	50	0.00
20 T	Diisopropyl ether	20.000	20.812	-4.1	58	0.00
21 M	1,1-Dichloroethane	20.000	19.968	0.2	57	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.196	4.0	54	0.00
23 M	tert-Butyl Alcohol	100.000	105.816	-5.8	58	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.776	1.1	56	0.00
25 M	Chloroform	20.000	20.428	-2.1	57	0.00
26	Cyclohexane	20.000	18.406	8.0	54	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.436	-14.8	65	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	58	0.00
29	1,1-Dichloropropene	20.000	18.748	6.3	57	0.00
30 M	2-Butanone	100.000	102.574	-2.6	62	0.00
31	2,2-Dichloropropane	20.000	18.131	9.3	53	0.00
32 M	1,1,1-Trichloroethane	20.000	18.511	7.4	55	0.00
33 M	Carbon Tetrachloride	20.000	17.824	10.9	54	0.00
34 M	Benzene	20.000	18.837	5.8	58	0.00
35	Methacrylonitrile	20.000	21.570	-7.9	64	0.00
36 M	1,2-Dichloroethane	20.000	21.387	-6.9	65	0.00
37 M	Trichloroethene	20.000	17.673	11.6	55	0.00
38	Methylcyclohexane	20.000	15.670	21.6	47	0.00
39 M	1,2-Dichloropropane	20.000	19.665	1.7	60	0.00
40	Dibromomethane	20.000	20.199	-1.0	59	0.00
41 M	Bromodichloromethane	20.000	19.828	0.9	60	0.00
42 M	Vinyl Acetate	100.000	99.853	0.1	60	0.00
43	Ethyl Acetate	20.000	21.356	-6.8	68	0.00
44	Isopropyl Acetate	20.000	21.683	-8.4	68	0.00
45 T	1,4-Dioxane	400.000	431.452	-7.9	64	0.00
46	Methyl methacrylate	20.000	20.663	-3.3	64	0.00
47	n-amyl Acetate	20.000	20.908	-4.5	66	0.00
48 M	t-1,3-Dichloropropene	20.000	20.047	-0.2	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.204	4.0	58	0.00
50 M	1,1,2-Trichloroethane	20.000	19.519	2.4	59	0.00
51	Ethyl methacrylate	20.000	19.731	1.3	60	0.00
52	1,3-Dichloropropane	20.000	20.416	-2.1	61	0.00
53 M	Dibromochloromethane	20.000	19.150	4.3	58	0.00
54 M	1,2-Dibromoethane	20.000	18.352	8.2	55	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.625	-7.6	67	0.00
56 M	Bromoform	20.000	19.361	3.2	60	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	58	0.00
58 M	4-Methyl-2-Pentanone	100.000	112.868	-12.9	67	0.00
59 M	2-Hexanone	100.000	111.291	-11.3	66	0.00
60 S	4-Bromofluorobenzene	30.000	32.223	-7.4	63	0.00
61 M	Tetrachloroethene	20.000	17.718	11.4	53	0.00
62 M	Toluene	20.000	18.741	6.3	55	0.00
63 S	Toluene-d8	30.000	30.037	-0.1	57	0.00
64 M	Chlorobenzene	20.000	18.846	5.8	56	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.990	5.1	55	0.00
66 M	Ethyl Benzene	20.000	18.795	6.0	55	0.00
67 M	m/p-Xylenes	40.000	37.590	6.0	54	0.00
68 M	o-Xylene	20.000	19.767	1.2	58	0.00
69 M	Styrene	20.000	18.698	6.5	55	0.00
70	Isopropylbenzene	20.000	19.210	3.9	56	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.535	-7.7	63	0.00
72	1,2,3-Trichloropropane	20.000	21.835	-9.2	62	0.00
73	Bromobenzene	20.000	19.832	0.8	58	0.00
74	n-propylbenzene	20.000	18.608	7.0	56	0.00
75	2-Chlorotoluene	20.000	19.889	0.6	58	0.00
76	1,3,5-Trimethylbenzene	20.000	19.258	3.7	56	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.296	-1.5	61	0.00
78	4-Chlorotoluene	20.000	20.146	-0.7	58	0.00
79	tert-butylbenzene	20.000	18.343	8.3	54	0.00
80	1,2,4-Trimethylbenzene	20.000	19.674	1.6	57	0.00
81	sec-Butylbenzene	20.000	17.990	10.1	53	0.00
82	p-Isopropyltoluene	20.000	18.218	8.9	53	0.00
83 M	1,3-Dichlorobenzene	20.000	20.064	-0.3	59	0.00
84 M	1,4-Dichlorobenzene	20.000	19.863	0.7	57	0.00
85	n-Butylbenzene	20.000	17.641	11.8	53	0.00
86 T	Hexachloroethane	20.000	18.760	6.2	56	0.00
87 M	1,2-Dichlorobenzene	20.000	20.421	-2.1	59	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.957	-19.8	75	0.00
89	1,2,4-Trichlorobenzene	20.000	19.302	3.5	57	0.00
90	Hexachlorobutadiene	20.000	18.351	8.2	55	0.00
91 M	Naphthalene	20.000	19.983	0.1	63	0.00
92	1,2,3-Trichlorobenzene	20.000	19.302	3.5	57	0.00

(#) = Out of Range

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