

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081917.D
 Acq On : 29 Apr 2024 16:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 04:40:00 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	19.693	1.5	97	0.00
3 M	Chloromethane	20.000	17.934	10.3	90	0.00
4 M	Vinyl Chloride	20.000	18.121	9.4	92	0.00
5 M	Bromomethane	20.000	15.948	20.3	78	0.00
6 M	Chloroethane	20.000	18.494	7.5	89	0.00
7 M	Trichlorofluoromethane	20.000	19.518	2.4	95	0.00
8 T	Diethyl Ether	20.000	19.311	3.4	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.321	8.4	88	0.00
10 M	1,1-Dichloroethene	20.000	18.821	5.9	94	0.00
11	Methyl Iodide	20.000	19.271	3.6	108	0.00
12	Methyl Acetate	20.000	19.395	3.0	97	0.00
13 M	Acrolein	100.000	34.819	65.2#	36	0.01
14 M	Acrylonitrile	100.000	95.915	4.1	94	0.00
15 M	Acetone	100.000	103.225	-3.2	98	0.01
16 M	Carbon Disulfide	20.000	18.363	8.2	93	0.00
17	Allyl chloride	20.000	18.968	5.2	90	0.00
18 M	Methylene Chloride	20.000	18.775	6.1	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.372	8.1	95	0.00
20 T	Diisopropyl ether	20.000	18.682	6.6	92	0.00
21 M	1,1-Dichloroethane	20.000	19.235	3.8	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.223	3.9	97	0.00
23 M	tert-Butyl Alcohol	100.000	90.071	9.9	84	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.037	4.8	91	0.00
25 M	Chloroform	20.000	18.903	5.5	92	0.00
26	Cyclohexane	20.000	19.354	3.2	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.716	0.9	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.774	6.1	95	0.00
30 M	2-Butanone	100.000	92.727	7.3	91	0.00
31	2,2-Dichloropropane	20.000	22.708	-13.5	117	0.00
32 M	1,1,1-Trichloroethane	20.000	19.139	4.3	95	0.00
33 M	Carbon Tetrachloride	20.000	18.601	7.0	92	0.00
34 M	Benzene	20.000	19.159	4.2	95	0.00
35	Methacrylonitrile	20.000	18.822	5.9	95	0.00
36 M	1,2-Dichloroethane	20.000	18.583	7.1	94	0.00
37 M	Trichloroethene	20.000	16.756	16.2	85	0.00
38	Methylcyclohexane	20.000	19.336	3.3	97	0.00
39 M	1,2-Dichloropropane	20.000	19.945	0.3	103	0.00
40	Dibromomethane	20.000	18.223	8.9	93	0.00
41 M	Bromodichloromethane	20.000	18.858	5.7	97	0.00
42 M	Vinyl Acetate	100.000	92.522	7.5	94	0.00
43	Ethyl Acetate	20.000	17.994	10.0	92	0.01
44	Isopropyl Acetate	20.000	18.504	7.5	93	0.00
45 T	1,4-Dioxane	400.000	385.020	3.7	96	0.00
46	Methyl methacrylate	20.000	18.645	6.8	94	0.00
47	n-amyl Acetate	20.000	18.568	7.2	95	0.00
48 M	t-1,3-Dichloropropene	20.000	19.033	4.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.671	1.6	99	0.00
50 M	1,1,2-Trichloroethane	20.000	18.896	5.5	94	0.00
51	Ethyl methacrylate	20.000	19.661	1.7	100	0.00
52	1,3-Dichloropropane	20.000	18.976	5.1	96	0.00
53 M	Dibromochloromethane	20.000	18.705	6.5	98	0.00
54 M	1,2-Dibromoethane	20.000	19.586	2.1	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.599	9.4	90	0.00
56 M	Bromoform	20.000	18.443	7.8	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.999	8.0	92	0.00
59 M	2-Hexanone	100.000	94.198	5.8	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.346	2.2	102	0.00
61 M	Tetrachloroethene	20.000	17.347	13.3	85	0.00
62 M	Toluene	20.000	18.700	6.5	95	0.00
63 S	Toluene-d8	30.000	29.592	1.4	100	0.00
64 M	Chlorobenzene	20.000	19.049	4.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.350	3.2	97	0.00
66 M	Ethyl Benzene	20.000	18.955	5.2	94	0.00
67 M	m/p-Xylenes	40.000	38.903	2.7	98	0.00
68 M	o-Xylene	20.000	19.103	4.5	94	0.00
69 M	Styrene	20.000	18.620	6.9	95	0.00
70	Isopropylbenzene	20.000	18.914	5.4	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.923	0.4	98	0.00
72	1,2,3-Trichloropropane	20.000	19.548	2.3	100	0.00
73	Bromobenzene	20.000	19.067	4.7	99	0.00
74	n-propylbenzene	20.000	18.979	5.1	95	0.00
75	2-Chlorotoluene	20.000	18.417	7.9	93	0.00
76	1,3,5-Trimethylbenzene	20.000	18.960	5.2	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.845	0.8	103	0.00
78	4-Chlorotoluene	20.000	18.750	6.3	96	0.00
79	tert-butylbenzene	20.000	18.797	6.0	93	0.00
80	1,2,4-Trimethylbenzene	20.000	18.791	6.0	96	0.00
81	sec-Butylbenzene	20.000	19.298	3.5	98	0.00
82	p-Isopropyltoluene	20.000	19.499	2.5	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.258	3.7	96	0.00
84 M	1,4-Dichlorobenzene	20.000	19.123	4.4	97	0.00
85	n-Butylbenzene	20.000	19.750	1.3	102	0.00
86 T	Hexachloroethane	20.000	19.277	3.6	97	0.00
87 M	1,2-Dichlorobenzene	20.000	19.152	4.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.829	5.9	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.778	6.1	97	0.00
90	Hexachlorobutadiene	20.000	18.563	7.2	100	0.00
91 M	Naphthalene	20.000	18.939	5.3	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.778	6.1	97	0.00

(#) = Out of Range

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