

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081827.D
 Acq On : 22 Apr 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:58:20 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	43	0.00
2 M	Dichlorodifluoromethane	20.000	14.236	28.8#	31	0.00
3 M	Chloromethane	20.000	18.425	7.9	39	0.00
4 M	Vinyl Chloride	20.000	20.559	-2.8	48	0.00
5 M	Bromomethane	20.000	21.476	-7.4	44	0.01
6 M	Chloroethane	20.000	22.871	-14.4	52	0.00
7 M	Trichlorofluoromethane	20.000	14.174	29.1#	25	0.00
8 T	Diethyl Ether	20.000	14.260	28.7#	29	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	13.502	32.5#	28	0.00
10 M	1,1-Dichloroethene	20.000	13.480	32.6#	28	0.00
11	Methyl Iodide	20.000	13.167	34.2#	35	0.00
12	Methyl Acetate	20.000	17.991	10.0	39	0.00
13 M	Acrolein	100.000	83.006	17.0	39	0.00
14 M	Acrylonitrile	100.000	85.161	14.8	37	0.00
15 M	Acetone	100.000	87.559	12.4	37	0.00
16 M	Carbon Disulfide	20.000	13.251	33.7#	28	0.00
17	Allyl chloride	20.000	16.514	17.4	35	0.00
18 M	Methylene Chloride	20.000	17.291	13.5	36	-0.01
19 M	trans-1,2-Dichloroethene	20.000	15.286	23.6	32	0.00
20 T	Diisopropyl ether	20.000	19.233	3.8	39	0.00
21 M	1,1-Dichloroethane	20.000	17.650	11.8	37	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.873	15.6	35	0.00
23 M	tert-Butyl Alcohol	100.000	80.050	20.0	33	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.264	13.7	36	0.00
25 M	Chloroform	20.000	18.657	6.7	39	0.00
26	Cyclohexane	20.000	13.070	34.6#	28	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.682	1.1	41	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	36	0.00
29	1,1-Dichloropropene	20.000	18.634	6.8	35	0.00
30 M	2-Butanone	100.000	107.477	-7.5	40	0.00
31	2,2-Dichloropropane	20.000	18.080	9.6	32	0.00
32 M	1,1,1-Trichloroethane	20.000	18.055	9.7	33	0.00
33 M	Carbon Tetrachloride	20.000	17.401	13.0	32	0.00
34 M	Benzene	20.000	19.866	0.7	37	0.00
35	Methacrylonitrile	20.000	23.145	-15.7	43	0.00
36 M	1,2-Dichloroethane	20.000	23.198	-16.0	43	0.00
37 M	Trichloroethene	20.000	19.054	4.7	36	0.00
38	Methylcyclohexane	20.000	15.042	24.8	28	0.00
39 M	1,2-Dichloropropane	20.000	20.551	-2.8	38	0.00
40	Dibromomethane	20.000	23.075	-15.4	42	0.00
41 M	Bromodichloromethane	20.000	22.239	-11.2	41	0.00
42 M	Vinyl Acetate	100.000	109.092	-9.1	40	0.00
43	Ethyl Acetate	20.000	18.966	5.2	37	0.00
44	Isopropyl Acetate	20.000	22.995	-15.0	44	0.00
45 T	1,4-Dioxane	400.000	377.350	5.7	34	0.00
46	Methyl methacrylate	20.000	22.168	-10.8	42	0.00
47	n-amyl Acetate	20.000	23.446	-17.2	46	0.00
48 M	t-1,3-Dichloropropene	20.000	22.290	-11.4	41	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.368	-6.8	40	0.00
50 M	1,1,2-Trichloroethane	20.000	22.520	-12.6	42	0.00
51	Ethyl methacrylate	20.000	21.162	-5.8	40	0.00
52	1,3-Dichloropropane	20.000	23.529	-17.6	43	0.00
53 M	Dibromochloromethane	20.000	22.545	-12.7	42	0.00
54 M	1,2-Dibromoethane	20.000	20.595	-3.0	38	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.513	-12.5	43	0.00
56 M	Bromoform	20.000	23.741	-18.7	45	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	37	0.00
58 M	4-Methyl-2-Pentanone	100.000	119.457	-19.5	45	0.00
59 M	2-Hexanone	100.000	114.299	-14.3	44	0.00
60 S	4-Bromofluorobenzene	30.000	30.582	-1.9	38	0.00
61 M	Tetrachloroethene	20.000	19.026	4.9	36	0.00
62 M	Toluene	20.000	19.175	4.1	36	0.00
63 S	Toluene-d8	30.000	30.170	-0.6	37	0.00
64 M	Chlorobenzene	20.000	19.962	0.2	38	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.721	-3.6	38	0.00
66 M	Ethyl Benzene	20.000	18.115	9.4	34	0.00
67 M	m/p-Xylenes	40.000	37.781	5.5	35	0.00
68 M	o-Xylene	20.000	18.533	7.3	35	0.00
69 M	Styrene	20.000	18.996	5.0	36	0.00
70	Isopropylbenzene	20.000	17.995	10.0	34	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.684	-13.4	42	0.00
72	1,2,3-Trichloropropane	20.000	23.678	-18.4	43	0.00
73	Bromobenzene	20.000	20.620	-3.1	39	0.00
74	n-propylbenzene	20.000	18.230	8.8	35	0.00
75	2-Chlorotoluene	20.000	18.968	5.2	35	0.00
76	1,3,5-Trimethylbenzene	20.000	18.421	7.9	34	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.248	-11.2	43	0.00
78	4-Chlorotoluene	20.000	19.156	4.2	35	0.00
79	tert-butylbenzene	20.000	17.341	13.3	33	0.00
80	1,2,4-Trimethylbenzene	20.000	19.050	4.7	35	0.00
81	sec-Butylbenzene	20.000	17.761	11.2	33	0.00
82	p-Isopropyltoluene	20.000	17.301	13.5	32	0.00
83 M	1,3-Dichlorobenzene	20.000	20.327	-1.6	38	0.00
84 M	1,4-Dichlorobenzene	20.000	20.058	-0.3	37	0.00
85	n-Butylbenzene	20.000	16.855	15.7	32	0.00
86 T	Hexachloroethane	20.000	19.109	4.5	37	0.00
87 M	1,2-Dichlorobenzene	20.000	21.575	-7.9	40	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.336	-11.7	44	0.00
89	1,2,4-Trichlorobenzene	20.000	20.625	-3.1	39	0.00
90	Hexachlorobutadiene	20.000	18.808	6.0	36	0.00
91 M	Naphthalene	20.000	19.588	2.1	39	0.00
92	1,2,3-Trichlorobenzene	20.000	20.625	-3.1	39	0.00

(#) = Out of Range

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