

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085033.D
 Acq On : 25 Nov 2024 17:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 26 05:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	20.014	-0.1	78	0.00
3 M	Chloromethane	20.000	18.485	7.6	73	0.00
4 M	Vinyl Chloride	20.000	18.209	9.0	71	0.00
5 M	Bromomethane	20.000	20.048	-0.2	75	0.00
6 M	Chloroethane	20.000	19.206	4.0	75	0.01
7 M	Trichlorofluoromethane	20.000	19.814	0.9	76	0.00
8 T	Diethyl Ether	20.000	18.956	5.2	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.978	-4.9	79	-0.01
10 M	1,1-Dichloroethene	20.000	18.844	5.8	73	0.00
11	Methyl Iodide	20.000	19.250	3.8	76	0.00
12	Methyl Acetate	20.000	17.187	14.1	71	0.00
13 M	Acrolein	100.000	101.601	-1.6	80	0.00
14 M	Acrylonitrile	100.000	95.264	4.7	77	0.00
15 M	Acetone	100.000	107.807	-7.8	86	0.00
16 M	Carbon Disulfide	20.000	17.622	11.9	69	0.00
17	Allyl chloride	20.000	17.546	12.3	69	0.00
18 M	Methylene Chloride	20.000	18.753	6.2	71	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.480	7.6	73	0.00
20 T	Diisopropyl ether	20.000	18.841	5.8	73	0.00
21 M	1,1-Dichloroethane	20.000	18.991	5.0	73	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.373	3.1	78	0.00
23 M	tert-Butyl Alcohol	100.000	112.198	-12.2	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.189	4.1	77	0.00
25 M	Chloroform	20.000	20.146	-0.7	77	0.00
26	Cyclohexane	20.000	19.053	4.7	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.485	-1.6	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	19.196	4.0	74	0.00
30 M	2-Butanone	100.000	103.705	-3.7	83	0.00
31	2,2-Dichloropropane	20.000	21.630	-8.1	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.686	1.6	75	0.00
33 M	Carbon Tetrachloride	20.000	20.033	-0.2	78	0.00
34 M	Benzene	20.000	19.234	3.8	75	0.00
35	Methacrylonitrile	20.000	18.065	9.7	72	0.00
36 M	1,2-Dichloroethane	20.000	20.108	-0.5	76	0.00
37 M	Trichloroethene	20.000	19.171	4.1	74	0.00
38	Methylcyclohexane	20.000	17.989	10.1	73	0.00
39 M	1,2-Dichloropropane	20.000	19.186	4.1	74	0.00
40	Dibromomethane	20.000	20.245	-1.2	78	0.00
41 M	Bromodichloromethane	20.000	19.130	4.4	75	0.00
42 M	Vinyl Acetate	100.000	95.625	4.4	76	0.00
43	Ethyl Acetate	20.000	20.584	-2.9	84	0.00
44	Isopropyl Acetate	20.000	16.992	15.0	71	0.00
45 T	1,4-Dioxane	400.000	361.582	9.6	72	0.00
46	Methyl methacrylate	20.000	18.017	9.9	73	0.00
47	n-amyl Acetate	20.000	18.045	9.8	71	0.00
48 M	t-1,3-Dichloropropene	20.000	18.518	7.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.575	7.1	73	0.00
50 M	1,1,2-Trichloroethane	20.000	19.861	0.7	76	0.00
51	Ethyl methacrylate	20.000	18.337	8.3	76	0.00
52	1,3-Dichloropropane	20.000	19.081	4.6	73	0.00
53 M	Dibromochloromethane	20.000	19.832	0.8	78	0.00
54 M	1,2-Dibromoethane	20.000	19.373	3.1	74	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.557	0.4	76	0.00
56 M	Bromoform	20.000	19.159	4.2	77	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.964	2.0	77	0.00
59 M	2-Hexanone	100.000	98.306	1.7	79	0.00
60 S	4-Bromofluorobenzene	30.000	29.786	0.7	83	0.00
61 M	Tetrachloroethene	20.000	19.478	2.6	76	0.00
62 M	Toluene	20.000	18.912	5.4	74	0.00
63 S	Toluene-d8	30.000	29.785	0.7	80	0.00
64 M	Chlorobenzene	20.000	18.822	5.9	74	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.704	1.5	77	0.00
66 M	Ethyl Benzene	20.000	18.244	8.8	73	0.00
67 M	m/p-Xylenes	40.000	37.324	6.7	74	0.00
68 M	o-Xylene	20.000	18.638	6.8	73	0.00
69 M	Styrene	20.000	18.549	7.3	74	0.00
70	Isopropylbenzene	20.000	18.781	6.1	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.749	1.3	76	0.00
72	1,2,3-Trichloropropane	20.000	19.114	4.4	68	0.00
73	Bromobenzene	20.000	18.316	8.4	72	0.00
74	n-propylbenzene	20.000	18.489	7.6	75	0.00
75	2-Chlorotoluene	20.000	18.462	7.7	74	0.00
76	1,3,5-Trimethylbenzene	20.000	18.936	5.3	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.921	5.4	76	0.00
78	4-Chlorotoluene	20.000	18.261	8.7	73	0.00
79	tert-butylbenzene	20.000	18.347	8.3	76	0.00
80	1,2,4-Trimethylbenzene	20.000	18.664	6.7	75	0.00
81	sec-Butylbenzene	20.000	18.497	7.5	76	0.00
82	p-Isopropyltoluene	20.000	18.174	9.1	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.740	6.3	74	0.00
84 M	1,4-Dichlorobenzene	20.000	18.248	8.8	74	0.00
85	n-Butylbenzene	20.000	17.533	12.3	76	0.00
86 T	Hexachloroethane	20.000	19.121	4.4	76	0.00
87 M	1,2-Dichlorobenzene	20.000	18.677	6.6	72	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.206	-6.0	83	0.00
89	1,2,4-Trichlorobenzene	20.000	17.948	10.3	72	0.00
90	Hexachlorobutadiene	20.000	21.504	-7.5	86	0.00
91 M	Naphthalene	20.000	16.557	17.2	72	0.00
92	1,2,3-Trichlorobenzene	20.000	17.948	10.3	72	0.00

(#) = Out of Range

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