

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084058.D
 Acq On : 20 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 20 23:20:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	16.410	17.9	80	0.00
3 M	Chloromethane	20.000	16.966	15.2	83	0.00
4 M	Vinyl Chloride	20.000	16.479	17.6	81	0.00
5 M	Bromomethane	20.000	19.499	2.5	94	0.05
6 M	Chloroethane	20.000	16.110	19.5	81	0.04
7 M	Trichlorofluoromethane	20.000	16.283	18.6	81	0.04
8 T	Diethyl Ether	20.000	16.732	16.3	83	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	16.703	16.5	84	0.01
10 M	1,1-Dichloroethene	20.000	16.027	19.9	81	0.02
11	Methyl Iodide	20.000	15.637	21.8	78	0.00
12	Methyl Acetate	20.000	19.379	3.1	101	0.00
13 M	Acrolein	100.000	82.278	17.7	74	0.00
14 M	Acrylonitrile	100.000	97.637	2.4	98	0.00
15 M	Acetone	100.000	86.126	13.9	92	0.00
16 M	Carbon Disulfide	20.000	16.304	18.5	81	0.01
17	Allyl chloride	20.000	15.076	24.6	76	0.01
18 M	Methylene Chloride	20.000	18.116	9.4	90	0.01
19 M	trans-1,2-Dichloroethene	20.000	16.930	15.4	83	0.00
20 T	Diisopropyl ether	20.000	17.747	11.3	91	0.00
21 M	1,1-Dichloroethane	20.000	17.324	13.4	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.246	18.8	80	0.00
23 M	tert-Butyl Alcohol	100.000	105.312	-5.3	103	-0.02
24 M	Methyl tert-Butyl Ether	20.000	16.457	17.7	81	0.00
25 M	Chloroform	20.000	17.302	13.5	85	0.00
26	Cyclohexane	20.000	14.721	26.4#	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.058	-3.5	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	17.477	12.6	83	0.00
30 M	2-Butanone	100.000	102.397	-2.4	99	0.00
31	2,2-Dichloropropane	20.000	17.043	14.8	82	0.00
32 M	1,1,1-Trichloroethane	20.000	17.423	12.9	83	0.00
33 M	Carbon Tetrachloride	20.000	16.942	15.3	82	0.00
34 M	Benzene	20.000	18.167	9.2	85	0.00
35	Methacrylonitrile	20.000	20.003	-0.0	93	0.00
36 M	1,2-Dichloroethane	20.000	19.075	4.6	90	0.00
37 M	Trichloroethene	20.000	17.739	11.3	86	0.00
38	Methylcyclohexane	20.000	14.936	25.3#	73	0.00
39 M	1,2-Dichloropropane	20.000	18.529	7.4	88	0.00
40	Dibromomethane	20.000	18.664	6.7	86	0.00
41 M	Bromodichloromethane	20.000	19.011	4.9	92	0.00
42 M	Vinyl Acetate	100.000	85.889	14.1	88	0.00
43	Ethyl Acetate	20.000	20.277	-1.4	95	0.00
44	Isopropyl Acetate	20.000	20.469	-2.3	98	0.00
45 T	1,4-Dioxane	400.000	429.492	-7.4	96	0.00
46	Methyl methacrylate	20.000	18.641	6.8	91	0.00
47	n-amyl Acetate	20.000	18.831	5.8	91	0.00
48 M	t-1,3-Dichloropropene	20.000	16.951	15.2	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.470	12.7	85	0.00
50 M	1,1,2-Trichloroethane	20.000	18.566	7.2	88	0.00
51	Ethyl methacrylate	20.000	17.149	14.3	80	0.00
52	1,3-Dichloropropane	20.000	18.358	8.2	87	0.00
53 M	Dibromochloromethane	20.000	18.274	8.6	89	0.00
54 M	1,2-Dibromoethane	20.000	18.634	6.8	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.481	-6.5	91	0.00
56 M	Bromoform	20.000	18.334	8.3	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.177	-6.2	100	0.00
59 M	2-Hexanone	100.000	104.995	-5.0	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.915	0.3	93	0.00
61 M	Tetrachloroethene	20.000	17.436	12.8	86	0.00
62 M	Toluene	20.000	17.367	13.2	83	0.00
63 S	Toluene-d8	30.000	31.072	-3.6	94	0.00
64 M	Chlorobenzene	20.000	17.093	14.5	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.668	11.7	85	0.00
66 M	Ethyl Benzene	20.000	16.669	16.7	82	0.00
67 M	m/p-Xylenes	40.000	34.122	14.7	83	0.00
68 M	o-Xylene	20.000	17.037	14.8	81	0.00
69 M	Styrene	20.000	17.051	14.7	83	0.00
70	Isopropylbenzene	20.000	16.129	19.4	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.511	2.4	92	0.00
72	1,2,3-Trichloropropane	20.000	19.162	4.2	90	0.00
73	Bromobenzene	20.000	16.977	15.1	82	0.00
74	n-propylbenzene	20.000	16.642	16.8	82	0.00
75	2-Chlorotoluene	20.000	16.883	15.6	82	0.00
76	1,3,5-Trimethylbenzene	20.000	16.861	15.7	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.473	12.6	86	0.00
78	4-Chlorotoluene	20.000	16.966	15.2	83	0.00
79	tert-butylbenzene	20.000	15.897	20.5	75	0.00
80	1,2,4-Trimethylbenzene	20.000	16.688	16.6	81	0.00
81	sec-Butylbenzene	20.000	16.512	17.4	82	0.00
82	p-Isopropyltoluene	20.000	16.020	19.9	80	0.00
83 M	1,3-Dichlorobenzene	20.000	16.392	18.0	80	0.00
84 M	1,4-Dichlorobenzene	20.000	16.049	19.8	78	0.00
85	n-Butylbenzene	20.000	15.506	22.5	79	0.00
86 T	Hexachloroethane	20.000	16.911	15.4	84	0.00
87 M	1,2-Dichlorobenzene	20.000	16.446	17.8	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.929	10.4	87	0.00
89	1,2,4-Trichlorobenzene	20.000	14.587	27.1#	72	0.00
90	Hexachlorobutadiene	20.000	15.664	21.7	80	0.00
91 M	Naphthalene	20.000	14.025	29.9#	69	0.00
92	1,2,3-Trichlorobenzene	20.000	14.587	27.1#	72	0.00

(#) = Out of Range

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