

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084194.D
 Acq On : 26 Sep 2024 22:16
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 27 01:16:22 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	16.819	15.9	77	0.00
3 M	Chloromethane	20.000	19.943	0.3	91	0.00
4 M	Vinyl Chloride	20.000	18.622	6.9	86	0.00
5 M	Bromomethane	20.000	21.175	-5.9	96	0.05
6 M	Chloroethane	20.000	19.042	4.8	90	0.04
7 M	Trichlorofluoromethane	20.000	17.689	11.6	83	0.04
8 T	Diethyl Ether	20.000	17.979	10.1	83	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	18.191	9.0	86	0.02
10 M	1,1-Dichloroethene	20.000	18.251	8.7	86	0.02
11	Methyl Iodide	20.000	17.420	12.9	82	0.00
12	Methyl Acetate	20.000	23.782	-18.9	116	0.00
13 M	Acrolein	100.000	105.139	-5.1	89	0.00
14 M	Acrylonitrile	100.000	110.729	-10.7	104	0.00
15 M	Acetone	100.000	91.339	8.7	91	0.00
16 M	Carbon Disulfide	20.000	17.831	10.8	83	0.02
17	Allyl chloride	20.000	16.918	15.4	80	0.01
18 M	Methylene Chloride	20.000	20.245	-1.2	94	0.02
19 M	trans-1,2-Dichloroethene	20.000	18.762	6.2	86	0.02
20 T	Diisopropyl ether	20.000	19.998	0.0	97	0.00
21 M	1,1-Dichloroethane	20.000	19.833	0.8	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.764	6.2	87	0.00
23 M	tert-Butyl Alcohol	100.000	111.828	-11.8	102	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.272	8.6	85	0.01
25 M	Chloroform	20.000	19.823	0.9	92	0.00
26	Cyclohexane	20.000	16.201	19.0	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.827	7.2	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	20.327	-1.6	85	0.00
30 M	2-Butanone	100.000	116.097	-16.1	98	0.00
31	2,2-Dichloropropane	20.000	17.064	14.7	72	0.00
32 M	1,1,1-Trichloroethane	20.000	20.253	-1.3	85	0.00
33 M	Carbon Tetrachloride	20.000	19.837	0.8	84	0.00
34 M	Benzene	20.000	21.981	-9.9	90	0.00
35	Methacrylonitrile	20.000	22.660	-13.3	92	0.00
36 M	1,2-Dichloroethane	20.000	21.073	-5.4	88	0.00
37 M	Trichloroethene	20.000	20.705	-3.5	89	0.00
38	Methylcyclohexane	20.000	16.634	16.8	71	0.00
39 M	1,2-Dichloropropane	20.000	23.429	-17.1	98	0.00
40	Dibromomethane	20.000	22.441	-12.2	91	0.00
41 M	Bromodichloromethane	20.000	22.321	-11.6	95	0.00
42 M	Vinyl Acetate	100.000	95.591	4.4	86	0.00
43	Ethyl Acetate	20.000	20.919	-4.6	87	0.00
44	Isopropyl Acetate	20.000	22.006	-10.0	92	0.00
45 T	1,4-Dioxane	400.000	520.871	-30.2#	102	0.00
46	Methyl methacrylate	20.000	21.003	-5.0	90	0.00
47	n-amyl Acetate	20.000	21.644	-8.2	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.290	3.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.670	-3.4	89	0.00
50 M	1,1,2-Trichloroethane	20.000	22.993	-15.0	96	0.00
51	Ethyl methacrylate	20.000	20.471	-2.4	84	0.00
52	1,3-Dichloropropane	20.000	22.550	-12.8	94	0.00
53 M	Dibromochloromethane	20.000	22.665	-13.3	97	0.00
54 M	1,2-Dibromoethane	20.000	22.229	-11.1	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.931	-15.9	87	0.00
56 M	Bromoform	20.000	22.275	-11.4	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	121.571	-21.6	104	0.00
59 M	2-Hexanone	100.000	116.738	-16.7	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.712	1.0	84	0.00
61 M	Tetrachloroethene	20.000	21.852	-9.3	98	0.00
62 M	Toluene	20.000	20.446	-2.2	88	0.00
63 S	Toluene-d8	30.000	31.281	-4.3	86	0.00
64 M	Chlorobenzene	20.000	20.093	-0.5	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.978	-4.9	92	0.00
66 M	Ethyl Benzene	20.000	18.622	6.9	83	0.00
67 M	m/p-Xylenes	40.000	39.019	2.5	86	0.00
68 M	o-Xylene	20.000	19.579	2.1	84	0.00
69 M	Styrene	20.000	19.719	1.4	87	0.00
70	Isopropylbenzene	20.000	18.638	6.8	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.964	-14.8	98	0.00
72	1,2,3-Trichloropropane	20.000	21.926	-9.6	94	0.00
73	Bromobenzene	20.000	20.097	-0.5	88	0.00
74	n-propylbenzene	20.000	19.097	4.5	85	0.00
75	2-Chlorotoluene	20.000	19.268	3.7	85	0.00
76	1,3,5-Trimethylbenzene	20.000	19.207	4.0	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.543	2.3	88	0.00
78	4-Chlorotoluene	20.000	19.628	1.9	87	0.00
79	tert-butylbenzene	20.000	18.240	8.8	78	0.00
80	1,2,4-Trimethylbenzene	20.000	19.407	3.0	86	0.00
81	sec-Butylbenzene	20.000	18.604	7.0	84	0.00
82	p-Isopropyltoluene	20.000	17.801	11.0	80	0.00
83 M	1,3-Dichlorobenzene	20.000	19.066	4.7	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.590	7.1	82	0.00
85	n-Butylbenzene	20.000	16.527	17.4	77	0.00
86 T	Hexachloroethane	20.000	19.116	4.4	86	0.00
87 M	1,2-Dichlorobenzene	20.000	19.465	2.7	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.334	-1.7	89	0.00
89	1,2,4-Trichlorobenzene	20.000	15.910	20.4	71	0.00
90	Hexachlorobutadiene	20.000	17.585	12.1	81	0.00
91 M	Naphthalene	20.000	15.160	24.2	68	0.00
92	1,2,3-Trichlorobenzene	20.000	15.910	20.4	71	0.00

(#) = Out of Range

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