

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084174.D
 Acq On : 26 Sep 2024 13:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 27 01:07:25 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	15.064	24.7	73	0.00
3 M	Chloromethane	20.000	18.248	8.8	89	0.00
4 M	Vinyl Chloride	20.000	17.152	14.2	84	0.00
5 M	Bromomethane	20.000	19.838	0.8	96	0.05
6 M	Chloroethane	20.000	16.218	18.9	81	0.04
7 M	Trichlorofluoromethane	20.000	15.580	22.1	78	0.04
8 T	Diethyl Ether	20.000	18.153	9.2	90	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	16.022	19.9	81	0.01
10 M	1,1-Dichloroethene	20.000	17.206	14.0	87	0.02
11	Methyl Iodide	20.000	15.929	20.4	80	0.00
12	Methyl Acetate	20.000	22.584	-12.9	118	0.00
13 M	Acrolein	100.000	109.823	-9.8	99	0.00
14 M	Acrylonitrile	100.000	106.786	-6.8	107	0.01
15 M	Acetone	100.000	89.055	10.9	95	0.00
16 M	Carbon Disulfide	20.000	16.669	16.7	82	0.02
17	Allyl chloride	20.000	15.872	20.6	80	0.01
18 M	Methylene Chloride	20.000	19.324	3.4	96	0.01
19 M	trans-1,2-Dichloroethene	20.000	17.442	12.8	86	0.01
20 T	Diisopropyl ether	20.000	19.482	2.6	101	0.00
21 M	1,1-Dichloroethane	20.000	18.775	6.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.742	11.3	87	0.00
23 M	tert-Butyl Alcohol	100.000	105.517	-5.5	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.801	11.0	88	0.00
25 M	Chloroform	20.000	18.765	6.2	93	0.00
26	Cyclohexane	20.000	13.918	30.4#	70	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.478	5.1	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	18.855	5.7	82	0.00
30 M	2-Butanone	100.000	114.554	-14.6	101	0.00
31	2,2-Dichloropropane	20.000	16.485	17.6	73	0.00
32 M	1,1,1-Trichloroethane	20.000	19.223	3.9	84	0.00
33 M	Carbon Tetrachloride	20.000	18.632	6.8	82	0.00
34 M	Benzene	20.000	21.175	-5.9	91	0.00
35	Methacrylonitrile	20.000	23.858	-19.3	101	0.00
36 M	1,2-Dichloroethane	20.000	20.935	-4.7	91	0.00
37 M	Trichloroethene	20.000	20.233	-1.2	90	0.00
38	Methylcyclohexane	20.000	14.796	26.0#	66	0.00
39 M	1,2-Dichloropropane	20.000	22.341	-11.7	97	0.00
40	Dibromomethane	20.000	21.976	-9.9	93	0.00
41 M	Bromodichloromethane	20.000	21.859	-9.3	97	0.00
42 M	Vinyl Acetate	100.000	96.491	3.5	91	0.00
43	Ethyl Acetate	20.000	22.934	-14.7	99	0.00
44	Isopropyl Acetate	20.000	22.324	-11.6	98	0.00
45 T	1,4-Dioxane	400.000	459.687	-14.9	94	0.00
46	Methyl methacrylate	20.000	21.754	-8.8	97	0.00
47	n-amyl Acetate	20.000	22.203	-11.0	98	0.00
48 M	t-1,3-Dichloropropene	20.000	20.312	-1.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.865	-4.3	93	0.00
50 M	1,1,2-Trichloroethane	20.000	23.072	-15.4	100	0.00
51	Ethyl methacrylate	20.000	20.794	-4.0	89	0.00
52	1,3-Dichloropropane	20.000	22.442	-12.2	97	0.00
53 M	Dibromochloromethane	20.000	22.470	-12.3	101	0.00
54 M	1,2-Dibromoethane	20.000	22.190	-11.0	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	162.945	-62.9#	127	0.00
56 M	Bromoform	20.000	22.328	-11.6	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	117.592	-17.6	107	0.00
59 M	2-Hexanone	100.000	113.100	-13.1	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.350	-1.2	91	0.00
61 M	Tetrachloroethene	20.000	19.598	2.0	94	0.00
62 M	Toluene	20.000	19.396	3.0	90	0.00
63 S	Toluene-d8	30.000	30.284	-0.9	89	0.00
64 M	Chlorobenzene	20.000	19.578	2.1	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.344	-1.7	95	0.00
66 M	Ethyl Benzene	20.000	17.749	11.3	85	0.00
67 M	m/p-Xylenes	40.000	37.109	7.2	87	0.00
68 M	o-Xylene	20.000	18.095	9.5	83	0.00
69 M	Styrene	20.000	19.164	4.2	90	0.00
70	Isopropylbenzene	20.000	17.325	13.4	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.490	-7.4	98	0.00
72	1,2,3-Trichloropropane	20.000	21.788	-8.9	100	0.00
73	Bromobenzene	20.000	19.475	2.6	91	0.00
74	n-propylbenzene	20.000	18.104	9.5	86	0.00
75	2-Chlorotoluene	20.000	18.851	5.7	89	0.00
76	1,3,5-Trimethylbenzene	20.000	17.853	10.7	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.014	-0.1	96	0.00
78	4-Chlorotoluene	20.000	18.885	5.6	90	0.00
79	tert-butylbenzene	20.000	16.071	19.6	74	0.00
80	1,2,4-Trimethylbenzene	20.000	17.821	10.9	84	0.00
81	sec-Butylbenzene	20.000	17.112	14.4	83	0.00
82	p-Isopropyltoluene	20.000	16.764	16.2	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.903	5.5	90	0.00
84 M	1,4-Dichlorobenzene	20.000	18.750	6.3	89	0.00
85	n-Butylbenzene	20.000	16.354	18.2	81	0.00
86 T	Hexachloroethane	20.000	17.820	10.9	86	0.00
87 M	1,2-Dichlorobenzene	20.000	19.190	4.0	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.882	0.6	93	0.00
89	1,2,4-Trichlorobenzene	20.000	17.089	14.6	82	0.00
90	Hexachlorobutadiene	20.000	17.381	13.1	86	0.00
91 M	Naphthalene	20.000	16.274	18.6	78	0.00
92	1,2,3-Trichlorobenzene	20.000	17.089	14.6	82	0.00

(#) = Out of Range

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