

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083706.D
 Acq On : 09 Sep 2024 08:57
 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 10 01:14:19 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	19.019	4.9	97	0.00
3 M	Chloromethane	20.000	19.720	1.4	102	0.00
4 M	Vinyl Chloride	20.000	19.305	3.5	100	0.00
5 M	Bromomethane	20.000	18.535	7.3	94	0.00
6 M	Chloroethane	20.000	21.846	-9.2	115	0.00
7 M	Trichlorofluoromethane	20.000	19.127	4.4	101	0.00
8 T	Diethyl Ether	20.000	19.900	0.5	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.005	5.0	101	0.00
10 M	1,1-Dichloroethene	20.000	18.775	6.1	99	0.00
11	Methyl Iodide	20.000	18.703	6.5	98	0.00
12	Methyl Acetate	20.000	19.319	3.4	106	0.00
13 M	Acrolein	100.000	109.778	-9.8	104	0.00
14 M	Acrylonitrile	100.000	103.754	-3.8	110	0.00
15 M	Acetone	100.000	118.098	-18.1	132	0.00
16 M	Carbon Disulfide	20.000	18.299	8.5	95	0.00
17	Allyl chloride	20.000	19.419	2.9	103	0.00
18 M	Methylene Chloride	20.000	19.512	2.4	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.559	7.2	96	0.00
20 T	Diisopropyl ether	20.000	18.969	5.2	103	0.00
21 M	1,1-Dichloroethane	20.000	19.216	3.9	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.989	5.1	98	0.00
23 M	tert-Butyl Alcohol	100.000	109.997	-10.0	113	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.544	2.3	102	0.00
25 M	Chloroform	20.000	19.007	5.0	99	0.00
26	Cyclohexane	20.000	18.735	6.3	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.387	-1.3	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.638	6.8	99	0.00
30 M	2-Butanone	100.000	108.902	-8.9	117	0.00
31	2,2-Dichloropropane	20.000	19.483	2.6	105	0.00
32 M	1,1,1-Trichloroethane	20.000	19.053	4.7	101	0.00
33 M	Carbon Tetrachloride	20.000	18.847	5.8	102	0.00
34 M	Benzene	20.000	18.864	5.7	98	0.00
35	Methacrylonitrile	20.000	18.787	6.1	97	0.00
36 M	1,2-Dichloroethane	20.000	19.185	4.1	102	0.00
37 M	Trichloroethene	20.000	18.680	6.6	101	0.00
38	Methylcyclohexane	20.000	18.325	8.4	100	0.00
39 M	1,2-Dichloropropane	20.000	19.298	3.5	103	0.00
40	Dibromomethane	20.000	18.822	5.9	97	0.00
41 M	Bromodichloromethane	20.000	19.073	4.6	103	0.00
42 M	Vinyl Acetate	100.000	89.959	10.0	103	0.00
43	Ethyl Acetate	20.000	20.855	-4.3	110	0.00
44	Isopropyl Acetate	20.000	20.299	-1.5	108	0.00
45 T	1,4-Dioxane	400.000	433.581	-8.4	108	0.00
46	Methyl methacrylate	20.000	20.038	-0.2	109	0.00
47	n-amyl Acetate	20.000	19.593	2.0	106	0.00
48 M	t-1,3-Dichloropropene	20.000	18.200	9.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.702	6.5	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.835	0.8	105	0.00
51	Ethyl methacrylate	20.000	19.246	3.8	100	0.00
52	1,3-Dichloropropane	20.000	19.033	4.8	101	0.00
53 M	Dibromochloromethane	20.000	19.216	3.9	105	0.00
54 M	1,2-Dibromoethane	20.000	18.974	5.1	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.016	-7.0	102	0.00
56 M	Bromoform	20.000	18.888	5.6	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.770	-6.8	110	0.00
59 M	2-Hexanone	100.000	107.641	-7.6	113	0.00
60 S	4-Bromofluorobenzene	30.000	30.526	-1.8	104	0.00
61 M	Tetrachloroethene	20.000	19.251	3.7	104	0.00
62 M	Toluene	20.000	18.950	5.3	99	0.00
63 S	Toluene-d8	30.000	30.766	-2.6	102	0.00
64 M	Chlorobenzene	20.000	18.961	5.2	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.734	1.3	104	0.00
66 M	Ethyl Benzene	20.000	18.403	8.0	99	0.00
67 M	m/p-Xylenes	40.000	37.536	6.2	100	0.00
68 M	o-Xylene	20.000	18.896	5.5	98	0.00
69 M	Styrene	20.000	17.967	10.2	95	0.00
70	Isopropylbenzene	20.000	18.620	6.9	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.038	-0.2	103	0.00
72	1,2,3-Trichloropropane	20.000	20.084	-0.4	104	0.00
73	Bromobenzene	20.000	18.431	7.8	97	0.00
74	n-propylbenzene	20.000	17.909	10.5	96	0.00
75	2-Chlorotoluene	20.000	18.510	7.4	98	0.00
76	1,3,5-Trimethylbenzene	20.000	18.872	5.6	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.721	1.4	107	0.00
78	4-Chlorotoluene	20.000	17.506	12.5	94	0.00
79	tert-butylbenzene	20.000	19.138	4.3	99	0.00
80	1,2,4-Trimethylbenzene	20.000	18.560	7.2	99	0.00
81	sec-Butylbenzene	20.000	17.928	10.4	98	0.00
82	p-Isopropyltoluene	20.000	18.072	9.6	99	0.00
83 M	1,3-Dichlorobenzene	20.000	17.451	12.7	93	0.00
84 M	1,4-Dichlorobenzene	20.000	17.141	14.3	91	0.00
85	n-Butylbenzene	20.000	17.282	13.6	97	0.00
86 T	Hexachloroethane	20.000	18.782	6.1	102	0.00
87 M	1,2-Dichlorobenzene	20.000	18.113	9.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.888	-4.4	110	0.00
89	1,2,4-Trichlorobenzene	20.000	16.843	15.8	91	0.00
90	Hexachlorobutadiene	20.000	18.674	6.6	104	0.00
91 M	Naphthalene	20.000	17.154	14.2	92	0.00
92	1,2,3-Trichlorobenzene	20.000	16.843	15.8	91	0.00

(#) = Out of Range

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