

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083869.D
 Acq On : 13 Sep 2024 14:23
 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 13 23:50:04 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	19.794	1.0	88	0.00
3 M	Chloromethane	20.000	19.768	1.2	88	0.00
4 M	Vinyl Chloride	20.000	19.281	3.6	86	0.00
5 M	Bromomethane	20.000	22.089	-10.4	97	0.06
6 M	Chloroethane	20.000	20.446	-2.2	93	0.04
7 M	Trichlorofluoromethane	20.000	19.539	2.3	89	0.04
8 T	Diethyl Ether	20.000	18.870	5.6	85	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	19.167	4.2	88	0.02
10 M	1,1-Dichloroethene	20.000	19.050	4.7	87	0.02
11	Methyl Iodide	20.000	19.521	2.4	89	0.01
12	Methyl Acetate	20.000	19.971	0.1	95	0.00
13 M	Acrolein	100.000	89.863	10.1	74	0.00
14 M	Acrylonitrile	100.000	100.671	-0.7	92	0.01
15 M	Acetone	100.000	82.507	17.5	80	0.00
16 M	Carbon Disulfide	20.000	17.960	10.2	81	0.00
17	Allyl chloride	20.000	17.188	14.1	79	0.01
18 M	Methylene Chloride	20.000	20.382	-1.9	92	0.01
19 M	trans-1,2-Dichloroethene	20.000	18.464	7.7	83	0.01
20 T	Diisopropyl ether	20.000	19.232	3.8	90	0.00
21 M	1,1-Dichloroethane	20.000	19.906	0.5	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.013	4.9	85	0.00
23 M	tert-Butyl Alcohol	100.000	119.118	-19.1	106	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.154	4.2	86	0.00
25 M	Chloroform	20.000	19.623	1.9	88	0.00
26	Cyclohexane	20.000	18.102	9.5	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.310	-4.4	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.601	2.0	88	0.01
30 M	2-Butanone	100.000	103.165	-3.2	93	0.00
31	2,2-Dichloropropane	20.000	17.342	13.3	78	0.00
32 M	1,1,1-Trichloroethane	20.000	19.536	2.3	87	0.00
33 M	Carbon Tetrachloride	20.000	19.413	2.9	88	0.00
34 M	Benzene	20.000	20.086	-0.4	88	0.00
35	Methacrylonitrile	20.000	21.152	-5.8	92	0.00
36 M	1,2-Dichloroethane	20.000	21.235	-6.2	94	0.00
37 M	Trichloroethene	20.000	19.692	1.5	90	0.00
38	Methylcyclohexane	20.000	17.500	12.5	80	0.00
39 M	1,2-Dichloropropane	20.000	20.080	-0.4	90	0.00
40	Dibromomethane	20.000	19.735	1.3	85	0.00
41 M	Bromodichloromethane	20.000	20.215	-1.1	91	0.00
42 M	Vinyl Acetate	100.000	93.451	6.5	90	0.00
43	Ethyl Acetate	20.000	19.967	0.2	88	0.00
44	Isopropyl Acetate	20.000	21.542	-7.7	96	0.00
45 T	1,4-Dioxane	400.000	458.898	-14.7	96	0.00
46	Methyl methacrylate	20.000	21.186	-5.9	97	0.00
47	n-amyl Acetate	20.000	20.803	-4.0	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.192	9.0	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.608	7.0	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.762	-3.8	93	0.00
51	Ethyl methacrylate	20.000	19.769	1.2	86	0.00
52	1,3-Dichloropropane	20.000	20.372	-1.9	91	0.00
53 M	Dibromochloromethane	20.000	19.814	0.9	91	0.00
54 M	1,2-Dibromoethane	20.000	20.577	-2.9	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.489	-8.5	87	0.00
56 M	Bromoform	20.000	18.609	7.0	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.231	-9.2	99	0.00
59 M	2-Hexanone	100.000	105.079	-5.1	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.577	1.4	88	0.00
61 M	Tetrachloroethene	20.000	19.547	2.3	93	0.00
62 M	Toluene	20.000	19.213	3.9	88	0.00
63 S	Toluene-d8	30.000	30.248	-0.8	88	0.00
64 M	Chlorobenzene	20.000	18.547	7.3	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.601	7.0	86	0.00
66 M	Ethyl Benzene	20.000	18.580	7.1	88	0.00
67 M	m/p-Xylenes	40.000	37.587	6.0	88	0.00
68 M	o-Xylene	20.000	18.939	5.3	87	0.00
69 M	Styrene	20.000	18.802	6.0	88	0.00
70	Isopropylbenzene	20.000	18.468	7.7	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.786	-3.9	94	0.00
72	1,2,3-Trichloropropane	20.000	19.888	0.6	90	0.00
73	Bromobenzene	20.000	18.387	8.1	86	0.00
74	n-propylbenzene	20.000	18.250	8.8	86	0.00
75	2-Chlorotoluene	20.000	18.783	6.1	88	0.00
76	1,3,5-Trimethylbenzene	20.000	18.603	7.0	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.300	13.5	82	0.00
78	4-Chlorotoluene	20.000	17.985	10.1	85	0.00
79	tert-butylbenzene	20.000	18.310	8.5	84	0.00
80	1,2,4-Trimethylbenzene	20.000	18.411	7.9	86	0.00
81	sec-Butylbenzene	20.000	18.045	9.8	87	0.00
82	p-Isopropyltoluene	20.000	17.747	11.3	85	0.00
83 M	1,3-Dichlorobenzene	20.000	17.066	14.7	80	0.00
84 M	1,4-Dichlorobenzene	20.000	17.097	14.5	80	0.00
85	n-Butylbenzene	20.000	16.788	16.1	83	0.00
86 T	Hexachloroethane	20.000	18.054	9.7	86	0.00
87 M	1,2-Dichlorobenzene	20.000	17.918	10.4	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.377	3.1	90	0.00
89	1,2,4-Trichlorobenzene	20.000	15.587	22.1	74	0.00
90	Hexachlorobutadiene	20.000	16.135	19.3	79	0.00
91 M	Naphthalene	20.000	15.385	23.1	73	0.00
92	1,2,3-Trichlorobenzene	20.000	15.587	22.1	74	0.00

(#) = Out of Range

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