

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081691.D
 Acq On : 10 Apr 2024 19:41
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 11 09:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	85	-0.01
2 M	Dichlorodifluoromethane	20.000	19.844	0.8	84	0.00
3 M	Chloromethane	20.000	25.051	-25.3#	102	0.00
4 M	Vinyl Chloride	20.000	18.240	8.8	83	0.00
5 M	Bromomethane	20.000	19.272	3.6	77	0.00
6 M	Chloroethane	20.000	21.758	-8.8	96	0.00
7 M	Trichlorofluoromethane	20.000	23.726	-18.6	81	0.00
8 T	Diethyl Ether	20.000	20.733	-3.7	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.878	0.6	80	0.00
10 M	1,1-Dichloroethene	20.000	19.541	2.3	78	0.00
11	Methyl Iodide	20.000	19.356	3.2	100	0.00
12	Methyl Acetate	20.000	19.802	1.0	84	0.00
13 M	Acrolein	100.000	97.975	2.0	89	0.00
14 M	Acrylonitrile	100.000	98.754	1.2	83	0.00
15 M	Acetone	100.000	104.936	-4.9	87	0.00
16 M	Carbon Disulfide	20.000	20.122	-0.6	83	0.00
17	Allyl chloride	20.000	19.097	4.5	78	0.00
18 M	Methylene Chloride	20.000	20.727	-3.6	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	10.788	46.1#	43	0.00
20 T	Diisopropyl ether	20.000	21.664	-8.3	87	0.00
21 M	1,1-Dichloroethane	20.000	21.111	-5.6	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.423	-2.1	83	0.00
23 M	tert-Butyl Alcohol	100.000	81.212	18.8	65	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.360	-1.8	83	0.00
25 M	Chloroform	20.000	21.235	-6.2	86	0.00
26	Cyclohexane	20.000	19.885	0.6	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.293	-11.0	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	19.182	4.1	83	0.00
30 M	2-Butanone	100.000	94.614	5.4	81	0.00
31	2,2-Dichloropropane	20.000	18.183	9.1	75	0.00
32 M	1,1,1-Trichloroethane	20.000	19.997	0.0	84	0.00
33 M	Carbon Tetrachloride	20.000	19.339	3.3	83	0.00
34 M	Benzene	20.000	19.919	0.4	86	0.00
35	Methacrylonitrile	20.000	19.913	0.4	84	0.00
36 M	1,2-Dichloroethane	20.000	20.648	-3.2	89	0.00
37 M	Trichloroethene	20.000	19.848	0.8	87	0.00
38	Methylcyclohexane	20.000	17.860	10.7	76	0.00
39 M	1,2-Dichloropropane	20.000	20.021	-0.1	86	0.00
40	Dibromomethane	20.000	20.821	-4.1	86	0.00
41 M	Bromodichloromethane	20.000	20.503	-2.5	88	0.00
42 M	Vinyl Acetate	100.000	100.320	-0.3	85	0.00
43	Ethyl Acetate	20.000	20.941	-4.7	94	0.00
44	Isopropyl Acetate	20.000	19.664	1.7	87	0.00
45 T	1,4-Dioxane	400.000	342.862	14.3	72	0.00
46	Methyl methacrylate	20.000	20.839	-4.2	92	0.00
47	n-amyl Acetate	20.000	19.443	2.8	87	0.00
48 M	t-1,3-Dichloropropene	20.000	19.996	0.0	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.785	1.1	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.469	-2.3	87	0.00
51	Ethyl methacrylate	20.000	19.784	1.1	85	0.00
52	1,3-Dichloropropane	20.000	20.125	-0.6	85	0.00
53 M	Dibromochloromethane	20.000	19.430	2.9	83	0.00
54 M	1,2-Dibromoethane	20.000	19.650	1.8	83	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.416	-6.4	94	0.00
56 M	Bromoform	20.000	18.561	7.2	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.216	1.8	84	0.00
59 M	2-Hexanone	100.000	96.016	4.0	83	0.00
60 S	4-Bromofluorobenzene	30.000	30.459	-1.5	86	0.00
61 M	Tetrachloroethene	20.000	19.391	3.0	84	0.00
62 M	Toluene	20.000	19.856	0.7	85	0.00
63 S	Toluene-d8	30.000	30.400	-1.3	84	0.00
64 M	Chlorobenzene	20.000	19.644	1.8	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.359	3.2	81	0.00
66 M	Ethyl Benzene	20.000	18.806	6.0	80	0.00
67 M	m/p-Xylenes	40.000	39.050	2.4	82	0.00
68 M	o-Xylene	20.000	19.251	3.7	82	0.00
69 M	Styrene	20.000	19.132	4.3	82	0.00
70	Isopropylbenzene	20.000	19.131	4.3	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.603	-3.0	87	0.00
72	1,2,3-Trichloropropane	20.000	18.080	9.6	74	0.00
73	Bromobenzene	20.000	19.257	3.7	82	0.00
74	n-propylbenzene	20.000	18.717	6.4	81	0.00
75	2-Chlorotoluene	20.000	19.670	1.6	83	0.00
76	1,3,5-Trimethylbenzene	20.000	19.239	3.8	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.801	11.0	78	0.00
78	4-Chlorotoluene	20.000	19.599	2.0	82	0.00
79	tert-butylbenzene	20.000	19.004	5.0	81	0.00
80	1,2,4-Trimethylbenzene	20.000	19.384	3.1	82	0.00
81	sec-Butylbenzene	20.000	18.962	5.2	81	0.00
82	p-Isopropyltoluene	20.000	19.336	3.3	82	0.00
83 M	1,3-Dichlorobenzene	20.000	19.590	2.1	84	0.00
84 M	1,4-Dichlorobenzene	20.000	19.882	0.6	83	0.00
85	n-Butylbenzene	20.000	18.641	6.8	80	0.00
86 T	Hexachloroethane	20.000	19.249	3.8	84	0.00
87 M	1,2-Dichlorobenzene	20.000	19.821	0.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.648	1.8	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.543	7.3	79	0.00
90	Hexachlorobutadiene	20.000	18.695	6.5	81	0.00
91 M	Naphthalene	20.000	18.431	7.8	84	0.00
92	1,2,3-Trichlorobenzene	20.000	18.543	7.3	79	0.00

(#) = Out of Range

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