

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080995.D
 Acq On : 09 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 10 02:05:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	20.419	-2.1	91	0.00
3 M	Chloromethane	20.000	20.836	-4.2	91	0.00
4 M	Vinyl Chloride	20.000	20.656	-3.3	89	0.00
5 M	Bromomethane	20.000	19.988	0.1	85	0.05
6 M	Chloroethane	20.000	21.373	-6.9	91	0.02
7 M	Trichlorofluoromethane	20.000	19.304	3.5	80	0.01
8 T	Diethyl Ether	20.000	18.469	7.7	78	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	19.442	2.8	81	0.00
10 M	1,1-Dichloroethene	20.000	18.860	5.7	78	0.01
11	Methyl Iodide	20.000	17.346	13.3	77	0.01
12	Methyl Acetate	20.000	18.634	6.8	81	0.00
13 M	Acrolein	100.000	95.545	4.5	77	0.01
14 M	Acrylonitrile	100.000	95.392	4.6	81	0.00
15 M	Acetone	100.000	98.153	1.8	84	0.00
16 M	Carbon Disulfide	20.000	18.056	9.7	75	0.01
17	Allyl chloride	20.000	18.376	8.1	77	0.00
18 M	Methylene Chloride	20.000	19.774	1.1	81	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.510	7.4	76	0.01
20 T	Diisopropyl ether	20.000	19.538	2.3	84	0.00
21 M	1,1-Dichloroethane	20.000	19.411	2.9	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.005	5.0	78	0.00
23 M	tert-Butyl Alcohol	100.000	76.252	23.7	63	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.175	4.1	81	0.00
25 M	Chloroform	20.000	19.669	1.7	81	0.00
26	Cyclohexane	20.000	18.526	7.4	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.755	-2.5	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	20.246	-1.2	81	0.00
30 M	2-Butanone	100.000	96.529	3.5	79	0.00
31	2,2-Dichloropropane	20.000	19.760	1.2	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.982	0.1	81	0.00
33 M	Carbon Tetrachloride	20.000	19.259	3.7	78	0.00
34 M	Benzene	20.000	20.174	-0.9	81	0.00
35	Methacrylonitrile	20.000	19.605	2.0	83	0.00
36 M	1,2-Dichloroethane	20.000	20.760	-3.8	83	0.00
37 M	Trichloroethene	20.000	19.397	3.0	76	0.00
38	Methylcyclohexane	20.000	19.437	2.8	78	0.00
39 M	1,2-Dichloropropane	20.000	19.966	0.2	80	0.00
40	Dibromomethane	20.000	19.718	1.4	80	0.00
41 M	Bromodichloromethane	20.000	20.255	-1.3	83	0.00
42 M	Vinyl Acetate	100.000	95.625	4.4	80	0.00
43	Ethyl Acetate	20.000	19.586	2.1	79	0.00
44	Isopropyl Acetate	20.000	19.949	0.3	82	0.00
45 T	1,4-Dioxane	400.000	320.286	19.9	64	0.00
46	Methyl methacrylate	20.000	19.511	2.4	82	0.00
47	n-amyl Acetate	20.000	21.785	-8.9	89	0.00
48 M	t-1,3-Dichloropropene	20.000	19.116	4.4	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.331	3.3	78	0.00
50 M	1,1,2-Trichloroethane	20.000	19.712	1.4	81	0.00
51	Ethyl methacrylate	20.000	19.272	3.6	80	0.00
52	1,3-Dichloropropane	20.000	20.045	-0.2	81	0.00
53 M	Dibromochloromethane	20.000	21.803	-9.0	90	0.00
54 M	1,2-Dibromoethane	20.000	23.181	-15.9	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.422	-4.4	86	0.00
56 M	Bromoform	20.000	23.119	-15.6	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	84.270	15.7	83	0.00
59 M	2-Hexanone	100.000	82.533	17.5	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.625	1.3	93	0.00
61 M	Tetrachloroethene	20.000	16.719	16.4	79	0.00
62 M	Toluene	20.000	16.740	16.3	81	0.00
63 S	Toluene-d8	30.000	26.408	12.0	83	0.00
64 M	Chlorobenzene	20.000	19.090	4.6	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.686	1.6	95	0.00
66 M	Ethyl Benzene	20.000	18.682	6.6	89	0.00
67 M	m/p-Xylenes	40.000	38.428	3.9	90	0.00
68 M	o-Xylene	20.000	19.530	2.3	95	0.00
69 M	Styrene	20.000	19.873	0.6	96	0.00
70	Isopropylbenzene	20.000	19.629	1.9	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.285	8.6	89	0.00
72	1,2,3-Trichloropropane	20.000	18.062	9.7	91	0.00
73	Bromobenzene	20.000	18.695	6.5	88	0.00
74	n-propylbenzene	20.000	16.966	15.2	81	0.00
75	2-Chlorotoluene	20.000	16.846	15.8	79	0.00
76	1,3,5-Trimethylbenzene	20.000	16.897	15.5	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.877	20.6	80	0.00
78	4-Chlorotoluene	20.000	16.780	16.1	79	0.00
79	tert-butylbenzene	20.000	16.354	18.2	76	0.00
80	1,2,4-Trimethylbenzene	20.000	16.880	15.6	80	0.00
81	sec-Butylbenzene	20.000	16.592	17.0	78	0.00
82	p-Isopropyltoluene	20.000	16.323	18.4	79	0.00
83 M	1,3-Dichlorobenzene	20.000	16.628	16.9	77	0.00
84 M	1,4-Dichlorobenzene	20.000	16.419	17.9	77	0.00
85	n-Butylbenzene	20.000	16.685	16.6	81	0.00
86 T	Hexachloroethane	20.000	15.619	21.9	76	0.00
87 M	1,2-Dichlorobenzene	20.000	16.691	16.5	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.017	19.9	84	0.00
89	1,2,4-Trichlorobenzene	20.000	16.425	17.9	77	0.00
90	Hexachlorobutadiene	20.000	16.652	16.7	80	0.00
91 M	Naphthalene	20.000	15.760	21.2	77	0.00
92	1,2,3-Trichlorobenzene	20.000	16.425	17.9	77	0.00

(#) = Out of Range

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