

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081902.D
 Acq On : 29 Apr 2024 09:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 04:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	18.683	6.6	109	0.00
3 M	Chloromethane	20.000	18.357	8.2	109	0.00
4 M	Vinyl Chloride	20.000	18.347	8.3	110	0.00
5 M	Bromomethane	20.000	18.470	7.7	106	0.00
6 M	Chloroethane	20.000	18.244	8.8	104	0.00
7 M	Trichlorofluoromethane	20.000	18.564	7.2	107	0.00
8 T	Diethyl Ether	20.000	18.444	7.8	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.783	11.1	101	0.01
10 M	1,1-Dichloroethene	20.000	18.522	7.4	109	0.00
11	Methyl Iodide	20.000	17.591	12.0	117	0.00
12	Methyl Acetate	20.000	18.288	8.6	108	0.00
13 M	Acrolein	100.000	94.672	5.3	115	0.00
14 M	Acrylonitrile	100.000	87.851	12.1	102	0.00
15 M	Acetone	100.000	90.872	9.1	102	0.00
16 M	Carbon Disulfide	20.000	17.506	12.5	105	0.00
17	Allyl chloride	20.000	18.998	5.0	106	0.00
18 M	Methylene Chloride	20.000	18.254	8.7	109	-0.02
19 M	trans-1,2-Dichloroethene	20.000	17.885	10.6	109	0.00
20 T	Diisopropyl ether	20.000	17.267	13.7	101	0.00
21 M	1,1-Dichloroethane	20.000	18.353	8.2	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.484	7.6	110	0.01
23 M	tert-Butyl Alcohol	100.000	91.464	8.5	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.189	9.1	103	0.00
25 M	Chloroform	20.000	18.523	7.4	107	0.00
26	Cyclohexane	20.000	19.165	4.2	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.753	0.8	116	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	118	0.00
29	1,1-Dichloropropene	20.000	17.916	10.4	107	0.00
30 M	2-Butanone	100.000	87.047	13.0	101	0.00
31	2,2-Dichloropropane	20.000	22.106	-10.5	135	0.00
32 M	1,1,1-Trichloroethane	20.000	18.061	9.7	107	0.00
33 M	Carbon Tetrachloride	20.000	17.640	11.8	104	0.00
34 M	Benzene	20.000	17.893	10.5	105	0.00
35	Methacrylonitrile	20.000	16.379	18.1	99	0.00
36 M	1,2-Dichloroethane	20.000	17.955	10.2	108	0.00
37 M	Trichloroethene	20.000	16.503	17.5	99	0.00
38	Methylcyclohexane	20.000	18.448	7.8	110	0.00
39 M	1,2-Dichloropropane	20.000	18.336	8.3	113	0.00
40	Dibromomethane	20.000	17.923	10.4	109	0.00
41 M	Bromodichloromethane	20.000	17.488	12.6	107	0.00
42 M	Vinyl Acetate	100.000	90.776	9.2	109	0.00
43	Ethyl Acetate	20.000	15.535	22.3	95	0.00
44	Isopropyl Acetate	20.000	17.354	13.2	103	0.00
45 T	1,4-Dioxane	400.000	369.664	7.6	109	0.00
46	Methyl methacrylate	20.000	17.306	13.5	104	0.00
47	n-amyl Acetate	20.000	17.458	12.7	106	0.00
48 M	t-1,3-Dichloropropene	20.000	18.264	8.7	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.408	8.0	111	0.00
50 M	1,1,2-Trichloroethane	20.000	17.828	10.9	106	0.00
51	Ethyl methacrylate	20.000	18.120	9.4	109	0.00
52	1,3-Dichloropropane	20.000	18.009	10.0	109	0.00
53 M	Dibromochloromethane	20.000	18.169	9.2	113	0.00
54 M	1,2-Dibromoethane	20.000	18.107	9.5	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.572	7.4	110	0.00
56 M	Bromoform	20.000	18.609	7.0	112	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.381	13.6	102	0.00
59 M	2-Hexanone	100.000	88.076	11.9	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.662	1.1	121	0.00
61 M	Tetrachloroethene	20.000	18.806	6.0	109	0.00
62 M	Toluene	20.000	17.685	11.6	105	0.00
63 S	Toluene-d8	30.000	29.660	1.1	118	0.00
64 M	Chlorobenzene	20.000	17.972	10.1	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.067	9.7	107	0.00
66 M	Ethyl Benzene	20.000	18.010	9.9	105	0.00
67 M	m/p-Xylenes	40.000	36.118	9.7	106	0.00
68 M	o-Xylene	20.000	18.220	8.9	106	0.00
69 M	Styrene	20.000	18.114	9.4	109	0.00
70	Isopropylbenzene	20.000	18.234	8.8	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.504	12.5	101	0.00
72	1,2,3-Trichloropropane	20.000	20.126	-0.6	121	0.00
73	Bromobenzene	20.000	18.198	9.0	111	0.00
74	n-propylbenzene	20.000	18.399	8.0	108	0.00
75	2-Chlorotoluene	20.000	17.981	10.1	107	0.00
76	1,3,5-Trimethylbenzene	20.000	18.342	8.3	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.531	-2.7	125	0.00
78	4-Chlorotoluene	20.000	17.939	10.3	108	0.00
79	tert-butylbenzene	20.000	18.000	10.0	105	0.00
80	1,2,4-Trimethylbenzene	20.000	17.531	12.3	105	0.00
81	sec-Butylbenzene	20.000	17.891	10.5	107	0.00
82	p-Isopropyltoluene	20.000	18.534	7.3	108	0.00
83 M	1,3-Dichlorobenzene	20.000	18.535	7.3	108	0.00
84 M	1,4-Dichlorobenzene	20.000	18.049	9.8	107	0.00
85	n-Butylbenzene	20.000	18.517	7.4	113	0.00
86 T	Hexachloroethane	20.000	18.153	9.2	107	0.00
87 M	1,2-Dichlorobenzene	20.000	18.378	8.1	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.467	17.7	93	0.00
89	1,2,4-Trichlorobenzene	20.000	17.650	11.8	107	0.00
90	Hexachlorobutadiene	20.000	17.972	10.1	113	0.00
91 M	Naphthalene	20.000	17.185	14.1	102	0.00
92	1,2,3-Trichlorobenzene	20.000	17.650	11.8	107	0.00

(#) = Out of Range

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