

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074019.D
 Acq On : 19 Aug 2022 11:34
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 20 02:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 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	146	0.00
2 M	Dichlorodifluoromethane	20.000	19.907	0.5	145	0.00
3 M	Chloromethane	20.000	17.043	14.8	119	0.00
4 M	Vinyl Chloride	20.000	16.229	18.9	118	0.00
5 M	Bromomethane	20.000	18.895	5.5	120	0.00
6 M	Chloroethane	20.000	15.338	23.3	110	-0.01
7 M	Trichlorofluoromethane	20.000	20.563	-2.8	152	0.00
8 T	Diethyl Ether	20.000	18.262	8.7	141	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.831	0.8	148	0.00
10 M	1,1-Dichloroethene	20.000	19.211	3.9	145	0.00
11	Methyl Iodide	20.000	16.809	16.0	136	0.00
12	Methyl Acetate	20.000	18.324	8.4	135	-0.01
13 M	Acrolein	100.000	99.472	0.5	146	0.00
14 M	Acrylonitrile	100.000	87.454	12.5	127	0.00
15 M	Acetone	100.000	83.114	16.9	123	-0.01
16 M	Carbon Disulfide	20.000	16.595	17.0	126	0.00
17	Allyl chloride	20.000	17.428	12.9	133	0.00
18 M	Methylene Chloride	20.000	18.719	6.4	142	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.872	5.6	141	0.00
20 T	Diisopropyl ether	20.000	17.441	12.8	129	0.00
21 M	1,1-Dichloroethane	20.000	17.754	11.2	132	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.118	4.4	148	0.00
23 M	tert-Butyl Alcohol	100.000	96.671	3.3	147	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.486	2.6	149	0.00
25 M	Chloroform	20.000	18.676	6.6	136	0.00
26	Cyclohexane	20.000	17.500	12.5	133	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.389	5.4	133	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	156	0.00
29	1,1-Dichloropropene	20.000	17.977	10.1	142	0.00
30 M	2-Butanone	100.000	82.145	17.9	127	0.00
31	2,2-Dichloropropane	20.000	19.652	1.7	156	0.00
32 M	1,1,1-Trichloroethane	20.000	19.023	4.9	147	0.00
33 M	Carbon Tetrachloride	20.000	19.360	3.2	155	0.00
34 M	Benzene	20.000	17.367	13.2	134	0.00
35	Methacrylonitrile	20.000	17.483	12.6	121	0.00
36 M	1,2-Dichloroethane	20.000	17.672	11.6	134	0.00
37 M	Trichloroethene	20.000	19.097	4.5	153	0.00
38	Methylcyclohexane	20.000	18.222	8.9	148	0.00
39 M	1,2-Dichloropropane	20.000	16.944	15.3	130	0.00
40	Dibromomethane	20.000	18.311	8.4	141	0.00
41 M	Bromodichloromethane	20.000	17.912	10.4	139	0.00
42 M	Vinyl Acetate	100.000	83.560	16.4	131	0.00
43	Ethyl Acetate	20.000	16.356	18.2	136	0.00
44	Isopropyl Acetate	20.000	17.175	14.1	135	0.00
45 T	1,4-Dioxane	400.000	379.014	5.2	148	0.00
46	Methyl methacrylate	20.000	16.502	17.5	132	0.00
47	n-amyl Acetate	20.000	17.263	13.7	144	0.00
48 M	t-1,3-Dichloropropene	20.000	17.825	10.9	151	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074019.D
 Acq On : 19 Aug 2022 11:34
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 20 02:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 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)
49 T	cis-1,3-Dichloropropene	20.000	17.928	10.4	145	0.00
50 M	1,1,2-Trichloroethane	20.000	18.220	8.9	145	0.00
51	Ethyl methacrylate	20.000	17.909	10.5	148	0.00
52	1,3-Dichloropropane	20.000	17.859	10.7	142	0.00
53 M	Dibromochloromethane	20.000	19.332	3.3	156	0.00
54 M	1,2-Dibromoethane	20.000	18.499	7.5	149	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.293	1.7	159	0.00
56 M	Bromoform	20.000	19.209	4.0	168	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	148	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.760	11.2	128	0.00
59 M	2-Hexanone	100.000	88.860	11.1	130	0.00
60 S	4-Bromofluorobenzene	30.000	30.719	-2.4	155	0.00
61 M	Tetrachloroethene	20.000	19.081	4.6	141	0.00
62 M	Toluene	20.000	18.779	6.1	138	0.00
63 S	Toluene-d8	30.000	29.523	1.6	141	0.00
64 M	Chlorobenzene	20.000	19.710	1.4	151	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.357	-1.8	156	0.00
66 M	Ethyl Benzene	20.000	18.662	6.7	142	0.00
67 M	m/p-Xylenes	40.000	39.472	1.3	149	0.00
68 M	o-Xylene	20.000	19.633	1.8	151	0.00
69 M	Styrene	20.000	19.272	3.6	147	0.00
70	Isopropylbenzene	20.000	19.866	0.7	151	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.375	3.1	143	0.00
72	1,2,3-Trichloropropane	20.000	19.552	2.2	160	0.00
73	Bromobenzene	20.000	20.429	-2.1	160	0.00
74	n-propylbenzene	20.000	19.013	4.9	146	0.00
75	2-Chlorotoluene	20.000	19.501	2.5	147	0.00
76	1,3,5-Trimethylbenzene	20.000	19.557	2.2	147	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.491	7.5	151	0.00
78	4-Chlorotoluene	20.000	19.183	4.1	147	0.00
79	tert-butylbenzene	20.000	20.431	-2.2	158	0.00
80	1,2,4-Trimethylbenzene	20.000	19.959	0.2	151	0.00
81	sec-Butylbenzene	20.000	19.640	1.8	153	0.00
82	p-Isopropyltoluene	20.000	20.208	-1.0	160	0.00
83 M	1,3-Dichlorobenzene	20.000	19.998	0.0	158	0.00
84 M	1,4-Dichlorobenzene	20.000	20.383	-1.9	160	0.00
85	n-Butylbenzene	20.000	18.551	7.2	155	0.00
86 T	Hexachloroethane	20.000	19.158	4.2	152	0.00
87 M	1,2-Dichlorobenzene	20.000	20.526	-2.6	156	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.935	5.3	145	0.00
89	1,2,4-Trichlorobenzene	20.000	22.199	-11.0	195	0.00
90	Hexachlorobutadiene	20.000	23.693	-18.5	193	0.00
91 M	Naphthalene	20.000	22.457	-12.3	189	0.00
92	1,2,3-Trichlorobenzene	20.000	22.695	-13.5	189	0.00

(#) = Out of Range

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