

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072501.D
 Acq On : 16 May 2022 14:40
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051622

Quant Time: May 17 07:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	116	0.00
2 M	Dichlorodifluoromethane	20.000	22.658	-13.3	123	0.00
3 M	Chloromethane	20.000	23.510	-17.6	129	0.00
4 M	Vinyl Chloride	20.000	23.058	-15.3	126	0.00
5 M	Bromomethane	20.000	22.634	-13.2	144	0.00
6 M	Chloroethane	20.000	21.851	-9.3	122	0.00
7 M	Trichlorofluoromethane	20.000	22.803	-14.0	122	0.00
8 T	Diethyl Ether	20.000	23.596	-18.0	131	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.764	-18.8	127	0.00
10 M	1,1-Dichloroethene	20.000	22.826	-14.1	128	0.00
11	Methyl Iodide	20.000	21.325	-6.6	120	0.00
12	Methyl Acetate	20.000	24.104	-20.5	130	0.00
13 M	Acrolein	100.000	102.611	-2.6	115	0.00
14 M	Acrylonitrile	100.000	118.965	-19.0	135	0.00
15 M	Acetone	100.000	123.464	-23.5	138	0.00
16 M	Carbon Disulfide	20.000	22.954	-14.8	127	0.00
17	Allyl chloride	20.000	22.692	-13.5	127	0.00
18 M	Methylene Chloride	20.000	23.059	-15.3	126	0.00
19 M	trans-1,2-Dichloroethene	20.000	23.145	-15.7	128	0.00
20 T	Diisopropyl ether	20.000	22.869	-14.3	127	0.00
21 M	1,1-Dichloroethane	20.000	22.313	-11.6	124	0.00
22 M	cis-1,2-Dichloroethene	20.000	23.891	-19.5	134	0.00
23 M	tert-Butyl Alcohol	100.000	122.002	-22.0	140	0.00
24 M	Methyl tert-Butyl Ether	20.000	23.186	-15.9	128	0.00
25 M	Chloroform	20.000	23.132	-15.7	127	0.00
26	Cyclohexane	20.000	24.118	-20.6	133	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.575	-1.9	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	116	0.00
29	1,1-Dichloropropene	20.000	21.587	-7.9	128	0.00
30 M	2-Butanone	100.000	114.157	-14.2	131	0.00
31	2,2-Dichloropropane	20.000	22.497	-12.5	135	0.00
32 M	1,1,1-Trichloroethane	20.000	21.455	-7.3	126	0.00
33 M	Carbon Tetrachloride	20.000	21.583	-7.9	122	0.00
34 M	Benzene	20.000	21.964	-9.8	126	0.00
35	Methacrylonitrile	20.000	21.811	-9.1	132	0.00
36 M	1,2-Dichloroethane	20.000	21.278	-6.4	121	0.00
37 M	Trichloroethene	20.000	21.752	-8.8	126	0.00
38	Methylcyclohexane	20.000	22.344	-11.7	131	0.00
39 M	1,2-Dichloropropane	20.000	22.082	-10.4	125	0.00
40	Dibromomethane	20.000	21.271	-6.4	121	0.00
41 M	Bromodichloromethane	20.000	21.209	-6.0	125	0.00
42 M	Vinyl Acetate	100.000	113.711	-13.7	130	0.00
43	Ethyl Acetate	20.000	24.840	-24.2	149	0.00
44	Isopropyl Acetate	20.000	22.444	-12.2	131	0.00
45 T	1,4-Dioxane	400.000	460.326	-15.1	131	0.00
46	Methyl methacrylate	20.000	21.739	-8.7	137	0.00
47	n-amyl Acetate	20.000	21.968	-9.8	138	0.00
48 M	t-1,3-Dichloropropene	20.000	21.484	-7.4	131	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072501.D
 Acq On : 16 May 2022 14:40
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN051622

Quant Time: May 17 07:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	22.352	-11.8	132	0.00
50 M	1,1,2-Trichloroethane	20.000	22.031	-10.2	130	0.00
51	Ethyl methacrylate	20.000	22.128	-10.6	134	0.00
52	1,3-Dichloropropane	20.000	21.916	-9.6	128	0.00
53 M	Dibromochloromethane	20.000	22.058	-10.3	127	0.00
54 M	1,2-Dibromoethane	20.000	21.915	-9.6	132	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.368	3.6	127	0.00
56 M	Bromoform	20.000	21.439	-7.2	132	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	100.000	119.971	-20.0	134	0.00
59 M	2-Hexanone	100.000	122.391	-22.4	137	0.00
60 S	4-Bromofluorobenzene	30.000	29.500	1.7	114	0.00
61 M	Tetrachloroethene	20.000	22.493	-12.5	124	0.00
62 M	Toluene	20.000	23.148	-15.7	130	0.00
63 S	Toluene-d8	30.000	30.406	-1.4	113	0.00
64 M	Chlorobenzene	20.000	22.255	-11.3	129	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.935	-14.7	127	0.00
66 M	Ethyl Benzene	20.000	22.621	-13.1	128	0.00
67 M	m/p-Xylenes	40.000	45.698	-14.2	130	0.00
68 M	o-Xylene	20.000	22.993	-15.0	131	0.00
69 M	Styrene	20.000	23.022	-15.1	134	0.00
70	Isopropylbenzene	20.000	22.845	-14.2	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.498	-17.5	129	0.00
72	1,2,3-Trichloropropane	20.000	20.812	-4.1	113	0.00
73	Bromobenzene	20.000	22.043	-10.2	128	0.00
74	n-propylbenzene	20.000	22.634	-13.2	134	0.00
75	2-Chlorotoluene	20.000	22.464	-12.3	127	0.00
76	1,3,5-Trimethylbenzene	20.000	22.992	-15.0	132	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.935	-9.7	140	0.00
78	4-Chlorotoluene	20.000	23.194	-16.0	136	0.00
79	tert-butylbenzene	20.000	22.587	-12.9	130	0.00
80	1,2,4-Trimethylbenzene	20.000	23.462	-17.3	135	0.00
81	sec-Butylbenzene	20.000	22.609	-13.0	133	0.00
82	p-Isopropyltoluene	20.000	22.689	-13.4	133	0.00
83 M	1,3-Dichlorobenzene	20.000	22.311	-11.6	133	0.00
84 M	1,4-Dichlorobenzene	20.000	22.444	-12.2	134	0.00
85	n-Butylbenzene	20.000	22.909	-14.5	147	0.00
86 T	Hexachloroethane	20.000	22.346	-11.7	138	0.00
87 M	1,2-Dichlorobenzene	20.000	23.212	-16.1	134	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	24.332	-21.7	141	0.00
89	1,2,4-Trichlorobenzene	20.000	24.100	-20.5	159	0.00
90	Hexachlorobutadiene	20.000	23.922	-19.6	135	0.00
91 M	Naphthalene	20.000	24.834	-24.2	168	0.00
92	1,2,3-Trichlorobenzene	20.000	23.280	-16.4	148	0.00

(#) = Out of Range

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