

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070031.D
 Acq On : 13 Dec 2021 13:46
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121321

Quant Time: Dec 14 05:26:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.365	-1.8	105	0.00
3 M	Chloromethane	20.000	20.124	-0.6	105	0.00
4 M	Vinyl Chloride	20.000	19.769	1.2	106	0.00
5 M	Bromomethane	20.000	20.583	-2.9	110	0.02
6 M	Chloroethane	20.000	19.756	1.2	105	0.00
7 M	Trichlorofluoromethane	20.000	19.510	2.4	103	0.00
8 T	Diethyl Ether	20.000	18.955	5.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.705	1.5	105	0.00
10 M	1,1-Dichloroethene	20.000	19.285	3.6	104	0.00
11	Methyl Iodide	20.000	17.762	11.2	96	0.00
12	Methyl Acetate	20.000	18.726	6.4	106	0.00
13 M	Acrolein	100.000	90.292	9.7	106	0.00
14 M	Acrylonitrile	100.000	90.796	9.2	104	0.00
15 M	Acetone	100.000	83.023	17.0	81	0.00
16 M	Carbon Disulfide	20.000	19.852	0.7	107	0.00
17	Allyl chloride	20.000	19.053	4.7	106	0.00
18 M	Methylene Chloride	20.000	19.455	2.7	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.750	1.3	107	0.00
20 T	Diisopropyl ether	20.000	19.325	3.4	107	0.00
21 M	1,1-Dichloroethane	20.000	19.076	4.6	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.102	4.5	106	0.00
23 M	tert-Butyl Alcohol	100.000	84.893	15.1	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.292	3.5	108	0.00
25 M	Chloroform	20.000	19.099	4.5	104	0.00
26	Cyclohexane	20.000	19.127	4.4	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.980	0.1	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	19.327	3.4	105	0.00
30 M	2-Butanone	100.000	85.608	14.4	93	0.00
31	2,2-Dichloropropane	20.000	19.116	4.4	108	0.00
32 M	1,1,1-Trichloroethane	20.000	18.981	5.1	106	0.00
33 M	Carbon Tetrachloride	20.000	19.181	4.1	105	0.00
34 M	Benzene	20.000	18.979	5.1	104	0.00
35	Methacrylonitrile	20.000	18.060	9.7	107	0.00
36 M	1,2-Dichloroethane	20.000	19.204	4.0	106	0.00
37 M	Trichloroethene	20.000	19.096	4.5	106	0.00
38	Methylcyclohexane	20.000	19.008	5.0	106	0.00
39 M	1,2-Dichloropropane	20.000	18.876	5.6	104	0.00
40	Dibromomethane	20.000	19.075	4.6	104	0.00
41 M	Bromodichloromethane	20.000	18.839	5.8	104	0.00
42 M	Vinyl Acetate	100.000	95.141	4.9	109	0.00
43	Ethyl Acetate	20.000	18.663	6.7	110	0.00
44	Isopropyl Acetate	20.000	18.394	8.0	107	0.00
45 T	1,4-Dioxane	400.000	390.353	2.4	109	0.00
46	Methyl methacrylate	20.000	18.012	9.9	102	0.00
47	n-amyl Acetate	20.000	17.668	11.7	116	0.00
48 M	t-1,3-Dichloropropene	20.000	18.105	9.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.689	6.6	108	0.00
50 M	1,1,2-Trichloroethane	20.000	18.700	6.5	103	0.00
51	Ethyl methacrylate	20.000	18.194	9.0	111	0.00
52	1,3-Dichloropropane	20.000	18.575	7.1	102	0.00
53 M	Dibromochloromethane	20.000	18.380	8.1	104	0.00
54 M	1,2-Dibromoethane	20.000	18.630	6.9	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.456	16.5	108	0.00
56 M	Bromoform	20.000	17.993	10.0	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.534	6.5	104	0.00
59 M	2-Hexanone	100.000	90.688	9.3	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.757	0.8	107	0.00
61 M	Tetrachloroethene	20.000	19.229	3.9	101	0.00
62 M	Toluene	20.000	19.267	3.7	104	0.00
63 S	Toluene-d8	30.000	30.335	-1.1	103	0.00
64 M	Chlorobenzene	20.000	19.196	4.0	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.087	4.6	104	0.00
66 M	Ethyl Benzene	20.000	19.005	5.0	103	0.00
67 M	m/p-Xylenes	40.000	38.451	3.9	104	0.00
68 M	o-Xylene	20.000	18.878	5.6	103	0.00
69 M	Styrene	20.000	18.900	5.5	105	0.00
70	Isopropylbenzene	20.000	19.145	4.3	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.925	5.4	103	0.00
72	1,2,3-Trichloropropane	20.000	16.775	16.1	87	0.00
73	Bromobenzene	20.000	19.156	4.2	106	0.00
74	n-propylbenzene	20.000	19.159	4.2	106	0.00
75	2-Chlorotoluene	20.000	19.093	4.5	106	0.00
76	1,3,5-Trimethylbenzene	20.000	19.022	4.9	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.640	11.8	109	0.00
78	4-Chlorotoluene	20.000	19.075	4.6	106	0.00
79	tert-butylbenzene	20.000	18.645	6.8	105	0.00
80	1,2,4-Trimethylbenzene	20.000	19.204	4.0	105	0.00
81	sec-Butylbenzene	20.000	18.773	6.1	106	0.00
82	p-Isopropyltoluene	20.000	18.776	6.1	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.411	2.9	108	0.00
84 M	1,4-Dichlorobenzene	20.000	19.341	3.3	109	0.00
85	n-Butylbenzene	20.000	18.204	9.0	108	0.00
86 T	Hexachloroethane	20.000	18.036	9.8	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.502	2.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.799	6.0	113	0.00
89	1,2,4-Trichlorobenzene	20.000	19.472	2.6	116	0.00
90	Hexachlorobutadiene	20.000	20.574	-2.9	109	0.00
91 M	Naphthalene	20.000	22.136	-10.7	136	0.00
92	1,2,3-Trichlorobenzene	20.000	20.467	-2.3	120	0.00

(#) = Out of Range

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