

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069442.D
 Acq On : 10 Nov 2021 15:07
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111021

Quant Time: Nov 10 18:03:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 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	111	0.00
2 M	Dichlorodifluoromethane	20.000	22.345	-11.7	107	0.00
3 M	Chloromethane	20.000	22.172	-10.9	109	0.00
4 M	Vinyl Chloride	20.000	22.121	-10.6	109	0.00
5 M	Bromomethane	20.000	23.285	-16.4	115	0.00
6 M	Chloroethane	20.000	21.793	-9.0	105	0.00
7 M	Trichlorofluoromethane	20.000	22.216	-11.1	107	0.00
8 T	Diethyl Ether	20.000	21.216	-6.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.460	-12.3	111	-0.01
10 M	1,1-Dichloroethene	20.000	20.872	-4.4	105	-0.01
11	Methyl Iodide	20.000	18.187	9.1	97	-0.01
12	Methyl Acetate	20.000	21.031	-5.2	107	0.00
13 M	Acrolein	100.000	92.335	7.7	105	0.00
14 M	Acrylonitrile	100.000	104.165	-4.2	112	0.00
15 M	Acetone	100.000	103.175	-3.2	91	0.00
16 M	Carbon Disulfide	20.000	20.321	-1.6	109	0.00
17	Allyl chloride	20.000	20.862	-4.3	110	0.00
18 M	Methylene Chloride	20.000	20.673	-3.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.942	-4.7	108	0.00
20 T	Diisopropyl ether	20.000	21.173	-5.9	111	0.00
21 M	1,1-Dichloroethane	20.000	21.068	-5.3	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.904	-4.5	108	0.00
23 M	tert-Butyl Alcohol	100.000	106.493	-6.5	118	0.02
24 M	Methyl tert-Butyl Ether	20.000	21.477	-7.4	112	0.00
25 M	Chloroform	20.000	21.087	-5.4	108	0.00
26	Cyclohexane	20.000	21.860	-9.3	112	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.545	-1.8	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	21.003	-5.0	111	0.00
30 M	2-Butanone	100.000	99.798	0.2	104	0.00
31	2,2-Dichloropropane	20.000	20.024	-0.1	111	0.00
32 M	1,1,1-Trichloroethane	20.000	20.180	-0.9	110	0.00
33 M	Carbon Tetrachloride	20.000	20.084	-0.4	110	0.00
34 M	Benzene	20.000	20.663	-3.3	110	0.00
35	Methacrylonitrile	20.000	19.852	0.7	113	0.00
36 M	1,2-Dichloroethane	20.000	21.030	-5.2	111	0.00
37 M	Trichloroethene	20.000	20.684	-3.4	113	0.00
38	Methylcyclohexane	20.000	21.233	-6.2	115	0.00
39 M	1,2-Dichloropropane	20.000	20.460	-2.3	110	0.00
40	Dibromomethane	20.000	20.066	-0.3	109	0.00
41 M	Bromodichloromethane	20.000	20.081	-0.4	114	0.00
42 M	Vinyl Acetate	100.000	100.800	-0.8	111	0.00
43	Ethyl Acetate	20.000	20.101	-0.5	114	0.00
44	Isopropyl Acetate	20.000	20.255	-1.3	112	0.00
45 T	1,4-Dioxane	400.000	410.904	-2.7	115	0.00
46	Methyl methacrylate	20.000	20.134	-0.7	114	0.00
47	n-amyl Acetate	20.000	18.502	7.5	114	0.00
48 M	t-1,3-Dichloropropene	20.000	19.145	4.3	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.775	1.1	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.246	-1.2	112	0.00
51	Ethyl methacrylate	20.000	19.733	1.3	115	0.00
52	1,3-Dichloropropane	20.000	20.398	-2.0	111	0.00
53 M	Dibromochloromethane	20.000	18.942	5.3	113	0.00
54 M	1,2-Dibromoethane	20.000	19.713	1.4	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.067	17.9	106	0.00
56 M	Bromoform	20.000	17.889	10.6	115	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.264	-8.3	114	0.00
59 M	2-Hexanone	100.000	103.836	-3.8	110	0.00
60 S	4-Bromofluorobenzene	30.000	29.651	1.2	110	0.00
61 M	Tetrachloroethene	20.000	21.264	-6.3	110	0.00
62 M	Toluene	20.000	21.267	-6.3	109	0.00
63 S	Toluene-d8	30.000	30.516	-1.7	109	0.00
64 M	Chlorobenzene	20.000	20.702	-3.5	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.801	-4.0	111	0.00
66 M	Ethyl Benzene	20.000	21.271	-6.4	111	0.00
67 M	m/p-Xylenes	40.000	42.492	-6.2	110	0.00
68 M	o-Xylene	20.000	20.743	-3.7	108	0.00
69 M	Styrene	20.000	20.518	-2.6	110	0.00
70	Isopropylbenzene	20.000	21.039	-5.2	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.945	-4.7	112	0.00
72	1,2,3-Trichloropropane	20.000	19.122	4.4	105	0.00
73	Bromobenzene	20.000	20.450	-2.2	112	0.00
74	n-propylbenzene	20.000	21.115	-5.6	112	0.00
75	2-Chlorotoluene	20.000	20.869	-4.3	111	0.00
76	1,3,5-Trimethylbenzene	20.000	20.979	-4.9	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.108	9.5	119	0.00
78	4-Chlorotoluene	20.000	20.830	-4.1	113	0.00
79	tert-butylbenzene	20.000	21.108	-5.5	115	0.00
80	1,2,4-Trimethylbenzene	20.000	21.140	-5.7	112	0.00
81	sec-Butylbenzene	20.000	20.897	-4.5	112	0.00
82	p-Isopropyltoluene	20.000	20.879	-4.4	115	0.00
83 M	1,3-Dichlorobenzene	20.000	21.055	-5.3	116	0.00
84 M	1,4-Dichlorobenzene	20.000	20.830	-4.1	115	0.00
85	n-Butylbenzene	20.000	20.222	-1.1	119	0.00
86 T	Hexachloroethane	20.000	18.929	5.4	113	0.00
87 M	1,2-Dichlorobenzene	20.000	20.993	-5.0	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.057	-0.3	121	0.00
89	1,2,4-Trichlorobenzene	20.000	20.563	-2.8	130	0.00
90	Hexachlorobutadiene	20.000	22.418	-12.1	123	0.00
91 M	Naphthalene	20.000	21.451	-7.3	147	0.00
92	1,2,3-Trichlorobenzene	20.000	21.605	-8.0	135	0.00

(#) = Out of Range

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