

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068460.D
 Acq On : 13 Sep 2021 16:13
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091321

Quant Time: Sep 14 04:26:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	21.101	-5.5	115	0.00
3 M	Chloromethane	20.000	20.774	-3.9	114	0.00
4 M	Vinyl Chloride	20.000	20.565	-2.8	108	0.00
5 M	Bromomethane	20.000	20.803	-4.0	109	0.00
6 M	Chloroethane	20.000	20.016	-0.1	106	0.00
7 M	Trichlorofluoromethane	20.000	20.350	-1.8	112	0.00
8 T	Diethyl Ether	20.000	19.946	0.3	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.247	-1.2	115	0.00
10 M	1,1-Dichloroethene	20.000	19.921	0.4	113	0.00
11	Methyl Iodide	20.000	17.643	11.8	112	0.00
12	Methyl Acetate	20.000	20.286	-1.4	114	0.00
13 M	Acrolein	100.000	91.879	8.1	109	0.00
14 M	Acrylonitrile	100.000	97.418	2.6	111	0.00
15 M	Acetone	100.000	107.431	-7.4	116	0.00
16 M	Carbon Disulfide	20.000	19.789	1.1	113	0.00
17	Allyl chloride	20.000	20.400	-2.0	115	0.00
18 M	Methylene Chloride	20.000	19.825	0.9	115	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.947	0.3	114	0.00
20 T	Diisopropyl ether	20.000	20.230	-1.2	112	0.00
21 M	1,1-Dichloroethane	20.000	20.067	-0.3	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.813	0.9	114	0.00
23 M	tert-Butyl Alcohol	100.000	98.498	1.5	113	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.702	1.5	113	0.00
25 M	Chloroform	20.000	19.635	1.8	108	0.00
26	Cyclohexane	20.000	20.172	-0.9	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.970	-3.2	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29	1,1-Dichloropropene	20.000	19.204	4.0	112	0.00
30 M	2-Butanone	100.000	95.917	4.1	111	0.00
31	2,2-Dichloropropane	20.000	19.448	2.8	113	0.00
32 M	1,1,1-Trichloroethane	20.000	18.776	6.1	110	0.00
33 M	Carbon Tetrachloride	20.000	18.848	5.8	113	0.00
34 M	Benzene	20.000	19.062	4.7	111	0.00
35	Methacrylonitrile	20.000	17.844	10.8	102	0.00
36 M	1,2-Dichloroethane	20.000	18.628	6.9	105	0.00
37 M	Trichloroethene	20.000	18.840	5.8	115	0.00
38	Methylcyclohexane	20.000	18.944	5.3	114	0.00
39 M	1,2-Dichloropropane	20.000	19.055	4.7	112	0.00
40	Dibromomethane	20.000	18.671	6.6	109	0.00
41 M	Bromodichloromethane	20.000	18.595	7.0	110	0.00
42 M	Vinyl Acetate	100.000	95.328	4.7	111	0.00
43	Ethyl Acetate	20.000	17.368	13.2	103	0.00
44	Isopropyl Acetate	20.000	18.757	6.2	107	0.00
45 T	1,4-Dioxane	400.000	390.724	2.3	115	0.00
46	Methyl methacrylate	20.000	18.577	7.1	112	0.00
47	n-amyl Acetate	20.000	19.102	4.5	121	0.00
48 M	t-1,3-Dichloropropene	20.000	18.646	6.8	115	0.00

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49 T	cis-1,3-Dichloropropene	20.000	18.542	7.3	111	0.00
50 M	1,1,2-Trichloroethane	20.000	18.667	6.7	111	0.00
51	Ethyl methacrylate	20.000	18.714	6.4	115	0.00
52	1,3-Dichloropropane	20.000	18.674	6.6	109	0.00
53 M	Dibromochloromethane	20.000	18.126	9.4	112	0.00
54 M	1,2-Dibromoethane	20.000	18.337	8.3	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.198	17.8	119	0.00
56 M	Bromoform	20.000	17.126	14.4	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.333	2.7	110	0.00
59 M	2-Hexanone	100.000	97.801	2.2	112	0.00
60 S	4-Bromofluorobenzene	30.000	30.548	-1.8	114	0.00
61 M	Tetrachloroethene	20.000	18.384	8.1	107	0.00
62 M	Toluene	20.000	19.160	4.2	111	0.00
63 S	Toluene-d8	30.000	30.645	-2.1	111	0.00
64 M	Chlorobenzene	20.000	18.949	5.3	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.135	4.3	113	0.00
66 M	Ethyl Benzene	20.000	19.157	4.2	114	0.00
67 M	m/p-Xylenes	40.000	39.108	2.2	114	0.00
68 M	o-Xylene	20.000	19.323	3.4	115	0.00
69 M	Styrene	20.000	19.212	3.9	113	0.00
70	Isopropylbenzene	20.000	19.439	2.8	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.633	1.8	111	0.00
72	1,2,3-Trichloropropane	20.000	18.805	6.0	105	0.00
73	Bromobenzene	20.000	18.794	6.0	117	0.00
74	n-propylbenzene	20.000	19.435	2.8	115	0.00
75	2-Chlorotoluene	20.000	19.710	1.4	115	0.00
76	1,3,5-Trimethylbenzene	20.000	19.890	0.5	117	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.853	10.7	110	0.00
78	4-Chlorotoluene	20.000	20.245	-1.2	120	0.00
79	tert-butylbenzene	20.000	19.941	0.3	118	0.00
80	1,2,4-Trimethylbenzene	20.000	20.118	-0.6	119	0.00
81	sec-Butylbenzene	20.000	19.882	0.6	118	0.00
82	p-Isopropyltoluene	20.000	19.902	0.5	122	0.00
83 M	1,3-Dichlorobenzene	20.000	20.007	-0.0	123	0.00
84 M	1,4-Dichlorobenzene	20.000	19.874	0.6	125	0.00
85	n-Butylbenzene	20.000	19.361	3.2	124	0.00
86 T	Hexachloroethane	20.000	18.941	5.3	114	0.00
87 M	1,2-Dichlorobenzene	20.000	19.653	1.7	120	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.249	3.8	117	0.00
89	1,2,4-Trichlorobenzene	20.000	18.708	6.5	136	0.00
90	Hexachlorobutadiene	20.000	18.624	6.9	123	0.00
91 M	Naphthalene	20.000	20.288	-1.4	149	0.00
92	1,2,3-Trichlorobenzene	20.000	19.555	2.2	136	0.00

(#) = Out of Range

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