

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066137.D
 Acq On : 5 Mar 2021 15:59
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030521

Quant Time: Mar 06 02:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	17.644	11.8	103	0.00
3 M	Chloromethane	20.000	20.046	-0.2	111	0.00
4 M	Vinyl Chloride	20.000	18.989	5.1	112	0.00
5 M	Bromomethane	20.000	20.771	-3.9	117	0.00
6 M	Chloroethane	20.000	19.035	4.8	109	0.00
7 M	Trichlorofluoromethane	20.000	18.507	7.5	106	0.00
8 T	Diethyl Ether	20.000	19.634	1.8	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.663	6.7	105	0.00
10 M	1,1-Dichloroethene	20.000	19.278	3.6	108	0.00
11	Methyl Iodide	20.000	17.576	12.1	102	0.00
12	Methyl Acetate	20.000	19.492	2.5	107	0.00
13 M	Acrolein	100.000	90.407	9.6	101	0.00
14 M	Acrylonitrile	100.000	94.826	5.2	107	0.00
15 M	Acetone	100.000	109.098	-9.1	114	0.00
16 M	Carbon Disulfide	20.000	19.432	2.8	110	0.00
17	Allyl chloride	20.000	19.114	4.4	108	0.00
18 M	Methylene Chloride	20.000	19.574	2.1	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.233	3.8	108	0.00
20 T	Diisopropyl ether	20.000	19.544	2.3	109	0.00
21 M	1,1-Dichloroethane	20.000	18.936	5.3	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.855	5.7	107	0.00
23 M	tert-Butyl Alcohol	100.000	97.747	2.3	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.355	3.2	107	0.00
25 M	Chloroform	20.000	18.974	5.1	108	0.00
26	Cyclohexane	20.000	18.459	7.7	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.291	-1.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	18.403	8.0	108	0.00
30 M	2-Butanone	100.000	97.208	2.8	108	0.00
31	2,2-Dichloropropane	20.000	19.014	4.9	108	0.00
32 M	1,1,1-Trichloroethane	20.000	18.270	8.7	105	0.00
33 M	Carbon Tetrachloride	20.000	18.343	8.3	106	0.00
34 M	Benzene	20.000	18.921	5.4	110	0.00
35	Methacrylonitrile	20.000	16.018	19.9	97	-0.02
36 M	1,2-Dichloroethane	20.000	18.699	6.5	108	0.00
37 M	Trichloroethene	20.000	19.204	4.0	113	0.00
38	Methylcyclohexane	20.000	17.899	10.5	106	0.00
39 M	1,2-Dichloropropane	20.000	19.056	4.7	112	0.00
40	Dibromomethane	20.000	18.662	6.7	106	0.00
41 M	Bromodichloromethane	20.000	18.747	6.3	110	0.00
42 M	Vinyl Acetate	100.000	95.247	4.8	110	0.00
43	Ethyl Acetate	20.000	18.801	6.0	115	0.00
44	Isopropyl Acetate	20.000	18.195	9.0	105	0.00
45 T	1,4-Dioxane	400.000	399.202	0.2	111	0.00
46	Methyl methacrylate	20.000	17.863	10.7	103	0.00
47	n-amyl Acetate	20.000	15.891	20.5	107	0.00
48 M	t-1,3-Dichloropropene	20.000	18.787	6.1	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.517	7.4	108	0.00
50 M	1,1,2-Trichloroethane	20.000	19.093	4.5	113	0.00
51	Ethyl methacrylate	20.000	18.617	6.9	114	0.00
52	1,3-Dichloropropane	20.000	18.938	5.3	111	0.00
53 M	Dibromochloromethane	20.000	18.102	9.5	109	0.00
54 M	1,2-Dibromoethane	20.000	18.580	7.1	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.650	6.3	104	0.00
56 M	Bromoform	20.000	18.085	9.6	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.410	6.6	106	0.00
59 M	2-Hexanone	100.000	90.564	9.4	108	0.00
60 S	4-Bromofluorobenzene	30.000	30.006	-0.0	111	0.00
61 M	Tetrachloroethene	20.000	19.394	3.0	108	0.00
62 M	Toluene	20.000	18.803	6.0	111	0.00
63 S	Toluene-d8	30.000	29.370	2.1	104	0.00
64 M	Chlorobenzene	20.000	18.778	6.1	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.495	7.5	110	0.00
66 M	Ethyl Benzene	20.000	18.648	6.8	111	0.00
67 M	m/p-Xylenes	40.000	37.060	7.3	110	0.00
68 M	o-Xylene	20.000	18.708	6.5	112	0.00
69 M	Styrene	20.000	18.578	7.1	114	0.00
70	Isopropylbenzene	20.000	18.586	7.1	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.522	7.4	107	0.00
72	1,2,3-Trichloropropane	20.000	18.212	8.9	103	0.00
73	Bromobenzene	20.000	18.371	8.1	112	0.00
74	n-propylbenzene	20.000	18.635	6.8	113	0.00
75	2-Chlorotoluene	20.000	18.880	5.6	114	0.00
76	1,3,5-Trimethylbenzene	20.000	18.324	8.4	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.956	10.2	114	0.00
78	4-Chlorotoluene	20.000	18.795	6.0	115	0.00
79	tert-butylbenzene	20.000	18.655	6.7	111	0.00
80	1,2,4-Trimethylbenzene	20.000	18.664	6.7	114	0.00
81	sec-Butylbenzene	20.000	18.541	7.3	113	0.00
82	p-Isopropyltoluene	20.000	18.460	7.7	113	0.00
83 M	1,3-Dichlorobenzene	20.000	18.560	7.2	115	0.00
84 M	1,4-Dichlorobenzene	20.000	19.321	3.4	121	0.00
85	n-Butylbenzene	20.000	18.374	8.1	119	0.00
86 T	Hexachloroethane	20.000	17.751	11.2	118	0.00
87 M	1,2-Dichlorobenzene	20.000	18.788	6.1	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.127	9.4	114	0.00
89	1,2,4-Trichlorobenzene	20.000	17.574	12.1	122	0.00
90	Hexachlorobutadiene	20.000	19.587	2.1	116	0.00
91 M	Naphthalene	20.000	17.741	11.3	119	0.00
92	1,2,3-Trichlorobenzene	20.000	18.608	7.0	122	0.00

(#) = Out of Range

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