

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081420\
 Data File : VN062932.D
 Acq On : 14 Aug 2020 00:57
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081420

Quant Time: Aug 14 06:34:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 06:20:27 2020
 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	21.556	-7.8	107	0.00
3 M	Chloromethane	20.000	26.318	-31.6#	151	0.00
4 M	Vinyl Chloride	20.000	31.409	-57.0#	191	0.00
5 M	Bromomethane	20.000	21.373	-6.9	114	0.00
6 M	Chloroethane	20.000	20.392	-2.0	106	0.00
7 M	Trichlorofluoromethane	20.000	19.375	3.1	93	0.00
8 T	Diethyl Ether	20.000	18.699	6.5	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.457	2.7	106	0.00
10 M	1,1-Dichloroethene	20.000	19.427	2.9	108	0.00
11	Methyl Iodide	20.000	16.562	17.2	94	0.00
12	Methyl Acetate	20.000	20.783	-3.9	115	0.00
13 M	Acrolein	100.000	97.528	2.5	120	0.00
14 M	Acrylonitrile	100.000	99.143	0.9	112	0.00
15 M	Acetone	100.000	101.369	-1.4	108	0.00
16 M	Carbon Disulfide	20.000	18.505	7.5	109	0.00
17	Allyl chloride	20.000	20.284	-1.4	118	0.00
18 M	Methylene Chloride	20.000	20.257	-1.3	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.319	8.4	105	0.01
20 T	Diisopropyl ether	20.000	21.222	-6.1	115	0.00
21 M	1,1-Dichloroethane	20.000	20.033	-0.2	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.617	1.9	108	0.00
23 M	tert-Butyl Alcohol	100.000	95.947	4.1	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.144	4.3	106	0.00
25 M	Chloroform	20.000	19.392	3.0	106	0.00
26	Cyclohexane	20.000	20.532	-2.7	117	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.461	-1.5	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	20.109	-0.5	108	0.00
30 M	2-Butanone	100.000	99.145	0.9	108	0.00
31	2,2-Dichloropropane	20.000	17.879	10.6	94	0.00
32 M	1,1,1-Trichloroethane	20.000	20.247	-1.2	108	0.00
33 M	Carbon Tetrachloride	20.000	19.549	2.3	104	0.00
34 M	Benzene	20.000	20.187	-0.9	109	0.00
35	Methacrylonitrile	20.000	20.635	-3.2	127	0.00
36 M	1,2-Dichloroethane	20.000	20.023	-0.1	107	0.00
37 M	Trichloroethene	20.000	18.777	6.1	100	0.00
38	Methylcyclohexane	20.000	18.570	7.1	103	0.00
39 M	1,2-Dichloropropane	20.000	19.869	0.7	107	0.00
40	Dibromomethane	20.000	19.934	0.3	105	0.00
41 M	Bromodichloromethane	20.000	19.702	1.5	104	0.00
42 M	Vinyl Acetate	100.000	101.870	-1.9	116	0.00
43	Ethyl Acetate	20.000	19.536	2.3	108	0.00
44	Isopropyl Acetate	20.000	20.226	-1.1	115	0.00
45 T	1,4-Dioxane	400.000	378.808	5.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.207	-1.0	115	0.00
47	n-amyl Acetate	20.000	19.372	3.1	111	0.00
48 M	t-1,3-Dichloropropene	20.000	19.569	2.2	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.865	0.7	110	0.00
50 M	1,1,2-Trichloroethane	20.000	20.428	-2.1	108	0.00
51	Ethyl methacrylate	20.000	19.839	0.8	113	0.00
52	1,3-Dichloropropane	20.000	20.656	-3.3	110	0.00
53 M	Dibromochloromethane	20.000	19.856	0.7	106	0.00
54 M	1,2-Dibromoethane	20.000	21.058	-5.3	116	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.741	15.3	108	0.00
56 M	Bromoform	20.000	20.191	-1.0	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.855	9.1	105	0.00
59 M	2-Hexanone	100.000	101.210	-1.2	117	0.00
60 S	4-Bromofluorobenzene	30.000	28.709	4.3	112	0.00
61 M	Tetrachloroethene	20.000	18.747	6.3	109	0.00
62 M	Toluene	20.000	17.816	10.9	102	0.00
63 S	Toluene-d8	30.000	27.939	6.9	103	0.00
64 M	Chlorobenzene	20.000	19.076	4.6	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.028	4.9	107	0.00
66 M	Ethyl Benzene	20.000	18.648	6.8	111	0.00
67 M	m/p-Xylenes	40.000	39.062	2.3	112	0.00
68 M	o-Xylene	20.000	19.348	3.3	115	0.00
69 M	Styrene	20.000	18.682	6.6	108	0.00
70	Isopropylbenzene	20.000	18.777	6.1	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.902	0.5	115	0.00
72	1,2,3-Trichloropropane	20.000	19.494	2.5	106	0.00
73	Bromobenzene	20.000	18.909	5.5	111	0.00
74	n-propylbenzene	20.000	18.607	7.0	111	0.00
75	2-Chlorotoluene	20.000	18.335	8.3	107	0.00
76	1,3,5-Trimethylbenzene	20.000	18.268	8.7	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.600	12.0	109	0.00
78	4-Chlorotoluene	20.000	18.131	9.3	108	0.00
79	tert-butylbenzene	20.000	18.515	7.4	110	0.00
80	1,2,4-Trimethylbenzene	20.000	18.336	8.3	110	0.00
81	sec-Butylbenzene	20.000	18.343	8.3	111	0.00
82	p-Isopropyltoluene	20.000	18.153	9.2	111	0.00
83 M	1,3-Dichlorobenzene	20.000	18.451	7.7	110	0.00
84 M	1,4-Dichlorobenzene	20.000	18.197	9.0	112	0.00
85	n-Butylbenzene	20.000	16.371	18.1	115	0.00
86 T	Hexachloroethane	20.000	16.850	15.7	106	0.00
87 M	1,2-Dichlorobenzene	20.000	17.461	12.7	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.713	16.4	118	0.00
89	1,2,4-Trichlorobenzene	20.000	15.513	22.4	112	0.00
90	Hexachlorobutadiene	20.000	17.732	11.3	112	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	16.315	18.4	128	0.00
92	1,2,3-Trichlorobenzene	20.000	16.416	17.9	117	0.00

(#) = Out of Range

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