

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN051420\
 Data File : VN061397.D
 Acq On : 14 May 2020 16:21
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051420

Quant Time: May 15 05:46:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 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	122	0.00
2 M	Dichlorodifluoromethane	20.000	22.592	-13.0	145	0.00
3 M	Chloromethane	20.000	19.758	1.2	118	0.00
4 M	Vinyl Chloride	20.000	18.978	5.1	113	0.00
5 M	Bromomethane	20.000	19.194	4.0	116	0.00
6 M	Chloroethane	20.000	18.481	7.6	109	0.00
7 M	Trichlorofluoromethane	20.000	19.312	3.4	116	0.00
8 T	Diethyl Ether	20.000	20.967	-4.8	131	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.389	-6.9	130	0.00
10 M	1,1-Dichloroethene	20.000	21.242	-6.2	132	0.00
11	Methyl Iodide	20.000	21.881	-9.4	140	0.00
12	Methyl Acetate	20.000	19.534	2.3	121	0.00
13 M	Acrolein	100.000	99.782	0.2	129	0.00
14 M	Acrylonitrile	100.000	97.673	2.3	118	0.00
15 M	Acetone	100.000	116.203	-16.2	140	0.00
16 M	Carbon Disulfide	20.000	24.006	-20.0	134	0.00
17	Allyl chloride	20.000	21.269	-6.3	129	0.00
18 M	Methylene Chloride	20.000	20.112	-0.6	130	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.511	-2.6	131	0.00
20 T	Diisopropyl ether	20.000	18.904	5.5	115	0.00
21 M	1,1-Dichloroethane	20.000	19.498	2.5	119	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.250	3.8	119	0.00
23 M	tert-Butyl Alcohol	100.000	101.207	-1.2	120	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.731	1.3	122	0.00
25 M	Chloroform	20.000	19.453	2.7	120	0.00
26	Cyclohexane	20.000	19.454	2.7	119	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.447	1.8	118	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	122	0.00
29	1,1-Dichloropropene	20.000	19.434	2.8	119	0.00
30 M	2-Butanone	100.000	98.416	1.6	119	0.00
31	2,2-Dichloropropane	20.000	19.739	1.3	123	0.00
32 M	1,1,1-Trichloroethane	20.000	19.671	1.6	123	0.00
33 M	Carbon Tetrachloride	20.000	19.523	2.4	125	0.00
34 M	Benzene	20.000	19.424	2.9	119	0.00
35	Methacrylonitrile	20.000	24.138	-20.7	119	0.00
36 M	1,2-Dichloroethane	20.000	19.562	2.2	119	0.00
37 M	Trichloroethene	20.000	19.920	0.4	125	0.00
38	Methylcyclohexane	20.000	19.622	1.9	121	0.00
39 M	1,2-Dichloropropane	20.000	18.774	6.1	113	0.00
40	Dibromomethane	20.000	19.405	3.0	122	0.00
41 M	Bromodichloromethane	20.000	19.395	3.0	120	0.00
42 M	Vinyl Acetate	100.000	95.087	4.9	117	0.00
43	Ethyl Acetate	20.000	19.160	4.2	109	0.00
44	Isopropyl Acetate	20.000	18.281	8.6	110	0.00
45 T	1,4-Dioxane	400.000	491.084	-22.8	155	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.147	9.3	110	0.00
47	n-amyl Acetate	20.000	18.379	8.1	113	0.00
48 M	t-1,3-Dichloropropene	20.000	18.988	5.1	117	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.886	5.6	118	0.00
50 M	1,1,2-Trichloroethane	20.000	18.621	6.9	117	0.00
51	Ethyl methacrylate	20.000	18.672	6.6	116	0.00
52	1,3-Dichloropropane	20.000	19.228	3.9	116	0.00
53 M	Dibromochloromethane	20.000	18.610	7.0	117	0.00
54 M	1,2-Dibromoethane	20.000	18.756	6.2	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.513	13.5	109	0.00
56 M	Bromoform	20.000	18.357	8.2	119	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.058	4.9	112	0.00
59 M	2-Hexanone	100.000	98.231	1.8	116	0.00
60 S	4-Bromofluorobenzene	30.000	29.482	1.7	119	0.00
61 M	Tetrachloroethene	20.000	19.699	1.5	119	0.00
62 M	Toluene	20.000	19.510	2.4	118	0.00
63 S	Toluene-d8	30.000	30.550	-1.8	119	0.00
64 M	Chlorobenzene	20.000	19.528	2.4	119	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.323	3.4	118	0.00
66 M	Ethyl Benzene	20.000	19.249	3.8	117	0.00
67 M	m/p-Xylenes	40.000	38.489	3.8	118	0.00
68 M	o-Xylene	20.000	19.472	2.6	118	0.00
69 M	Styrene	20.000	19.185	4.1	120	0.00
70	Isopropylbenzene	20.000	19.292	3.5	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.132	4.3	114	0.00
72	1,2,3-Trichloropropane	20.000	20.120	-0.6	116	0.00
73	Bromobenzene	20.000	19.197	4.0	120	0.00
74	n-propylbenzene	20.000	19.266	3.7	119	0.00
75	2-Chlorotoluene	20.000	19.591	2.0	119	0.00
76	1,3,5-Trimethylbenzene	20.000	19.237	3.8	119	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.712	6.4	117	0.00
78	4-Chlorotoluene	20.000	19.607	2.0	121	0.00
79	tert-butylbenzene	20.000	19.010	4.9	117	0.00
80	1,2,4-Trimethylbenzene	20.000	19.467	2.7	122	0.00
81	sec-Butylbenzene	20.000	19.568	2.2	120	0.00
82	p-Isopropyltoluene	20.000	19.334	3.3	120	0.00
83 M	1,3-Dichlorobenzene	20.000	19.320	3.4	123	0.00
84 M	1,4-Dichlorobenzene	20.000	19.784	1.1	124	0.00
85	n-Butylbenzene	20.000	20.229	-1.1	126	0.00
86 T	Hexachloroethane	20.000	20.437	-2.2	132	0.00
87 M	1,2-Dichlorobenzene	20.000	19.437	2.8	120	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.624	1.9	114	0.00
89	1,2,4-Trichlorobenzene	20.000	21.428	-7.1	132	0.00
90	Hexachlorobutadiene	20.000	22.892	-14.5	144	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	21.996	-10.0	138	0.00
92	1,2,3-Trichlorobenzene	20.000	21.005	-5.0	130	0.00

(#) = Out of Range

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