

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102320\
 Data File : VN064286.D
 Acq On : 23 Oct 2020 14:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

Quant Time: Oct 23 16:44:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 15:14:21 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	20.152	-0.8	76	0.00
3 M	Chloromethane	20.000	19.593	2.0	78	0.00
4 M	Vinyl Chloride	20.000	19.647	1.8	81	0.00
5 M	Bromomethane	20.000	19.137	4.3	77	0.00
6 M	Chloroethane	20.000	19.062	4.7	78	0.00
7 M	Trichlorofluoromethane	20.000	18.501	7.5	76	0.00
8 T	Diethyl Ether	20.000	17.984	10.1	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.809	1.0	79	0.00
10 M	1,1-Dichloroethene	20.000	18.860	5.7	76	0.00
11	Methyl Iodide	20.000	18.270	8.7	79	0.00
12	Methyl Acetate	20.000	17.908	10.5	74	-0.01
13 M	Acrolein	100.000	81.307	18.7	79	0.00
14 M	Acrylonitrile	100.000	86.456	13.5	73	0.00
15 M	Acetone	100.000	96.045	4.0	78	0.00
16 M	Carbon Disulfide	20.000	18.866	5.7	79	0.00
17	Allyl chloride	20.000	19.494	2.5	84	0.00
18 M	Methylene Chloride	20.000	18.332	8.3	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.134	9.3	75	0.00
20 T	Diisopropyl ether	20.000	18.459	7.7	76	0.00
21 M	1,1-Dichloroethane	20.000	18.854	5.7	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.592	7.0	77	0.00
23 M	tert-Butyl Alcohol	100.000	91.783	8.2	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.659	6.7	78	0.00
25 M	Chloroform	20.000	18.122	9.4	76	0.00
26	Cyclohexane	20.000	18.165	9.2	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.223	-4.1	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	18.413	7.9	78	0.00
30 M	2-Butanone	100.000	85.711	14.3	73	0.00
31	2,2-Dichloropropane	20.000	18.438	7.8	77	0.00
32 M	1,1,1-Trichloroethane	20.000	18.036	9.8	77	0.00
33 M	Carbon Tetrachloride	20.000	18.130	9.4	77	0.00
34 M	Benzene	20.000	17.728	11.4	76	0.00
35	Methacrylonitrile	20.000	15.355	23.2	65	-0.01
36 M	1,2-Dichloroethane	20.000	18.240	8.8	78	0.00
37 M	Trichloroethene	20.000	17.885	10.6	76	0.00
38	Methylcyclohexane	20.000	18.206	9.0	78	0.00
39 M	1,2-Dichloropropane	20.000	18.068	9.7	78	0.00
40	Dibromomethane	20.000	17.630	11.9	74	0.00
41 M	Bromodichloromethane	20.000	17.714	11.4	74	0.00
42 M	Vinyl Acetate	100.000	88.548	11.5	76	0.00
43	Ethyl Acetate	20.000	17.622	11.9	77	0.00
44	Isopropyl Acetate	20.000	17.982	10.1	76	0.00
45 T	1,4-Dioxane	400.000	373.988	6.5	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.697	6.5	79	0.00
47	n-amyl Acetate	20.000	17.126	14.4	77	0.00
48 M	t-1,3-Dichloropropene	20.000	17.719	11.4	75	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.642	11.8	76	0.00
50 M	1,1,2-Trichloroethane	20.000	17.494	12.5	76	0.00
51	Ethyl methacrylate	20.000	17.400	13.0	77	0.00
52	1,3-Dichloropropane	20.000	17.015	14.9	72	0.00
53 M	Dibromochloromethane	20.000	17.180	14.1	75	0.00
54 M	1,2-Dibromoethane	20.000	17.428	12.9	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.569	6.4	122	0.00
56 M	Bromoform	20.000	16.104	19.5	72	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.113	11.9	74	0.00
59 M	2-Hexanone	100.000	87.610	12.4	73	0.00
60 S	4-Bromofluorobenzene	30.000	30.681	-2.3	87	0.00
61 M	Tetrachloroethene	20.000	18.720	6.4	78	0.00
62 M	Toluene	20.000	17.849	10.8	76	0.00
63 S	Toluene-d8	30.000	30.116	-0.4	86	0.00
64 M	Chlorobenzene	20.000	18.368	8.2	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.451	12.7	74	0.00
66 M	Ethyl Benzene	20.000	17.978	10.1	77	0.00
67 M	m/p-Xylenes	40.000	35.637	10.9	76	0.00
68 M	o-Xylene	20.000	18.512	7.4	79	0.00
69 M	Styrene	20.000	17.663	11.7	76	0.00
70	Isopropylbenzene	20.000	17.874	10.6	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.806	11.0	76	0.00
72	1,2,3-Trichloropropane	20.000	18.924	5.4	83	0.00
73	Bromobenzene	20.000	17.619	11.9	75	0.00
74	n-propylbenzene	20.000	17.879	10.6	75	0.00
75	2-Chlorotoluene	20.000	17.929	10.4	77	0.00
76	1,3,5-Trimethylbenzene	20.000	18.128	9.4	77	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.209	14.0	75	0.00
78	4-Chlorotoluene	20.000	17.830	10.9	76	0.00
79	tert-butylbenzene	20.000	18.034	9.8	76	0.00
80	1,2,4-Trimethylbenzene	20.000	17.554	12.2	75	0.00
81	sec-Butylbenzene	20.000	18.007	10.0	76	0.00
82	p-Isopropyltoluene	20.000	18.163	9.2	77	0.00
83 M	1,3-Dichlorobenzene	20.000	17.730	11.3	76	0.00
84 M	1,4-Dichlorobenzene	20.000	16.984	15.1	73	0.00
85	n-Butylbenzene	20.000	18.106	9.5	77	0.00
86 T	Hexachloroethane	20.000	17.883	10.6	77	0.00
87 M	1,2-Dichlorobenzene	20.000	17.751	11.2	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.393	13.0	75	0.00
89	1,2,4-Trichlorobenzene	20.000	16.601	17.0	72	0.00
90	Hexachlorobutadiene	20.000	18.394	8.0	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.947	15.3	72	0.00
92	1,2,3-Trichlorobenzene	20.000	16.681	16.6	70	0.00

(#) = Out of Range

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