

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069133.D
 Acq On : 22 Oct 2021 13:45
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN102221

Quant Time: Oct 23 07:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	22.900	-14.5	94	0.00
3 M	Chloromethane	20.000	22.618	-13.1	94	0.00
4 M	Vinyl Chloride	20.000	21.488	-7.4	90	0.00
5 M	Bromomethane	20.000	24.221	-21.1	91	0.00
6 M	Chloroethane	20.000	21.365	-6.8	79	0.00
7 M	Trichlorofluoromethane	20.000	22.280	-11.4	91	0.00
8 T	Diethyl Ether	20.000	21.981	-9.9	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.608	-13.0	93	0.00
10 M	1,1-Dichloroethene	20.000	21.956	-9.8	91	0.00
11	Methyl Iodide	20.000	18.891	5.5	83	0.00
12	Methyl Acetate	20.000	21.403	-7.0	89	0.00
13 M	Acrolein	100.000	99.342	0.7	87	0.00
14 M	Acrylonitrile	100.000	107.891	-7.9	90	0.00
15 M	Acetone	100.000	108.005	-8.0	78	0.00
16 M	Carbon Disulfide	20.000	21.549	-7.7	93	0.00
17	Allyl chloride	20.000	21.337	-6.7	90	0.00
18 M	Methylene Chloride	20.000	22.165	-10.8	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.622	-8.1	91	0.00
20 T	Diisopropyl ether	20.000	21.419	-7.1	91	0.00
21 M	1,1-Dichloroethane	20.000	21.787	-8.9	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	22.039	-10.2	93	0.00
23 M	tert-Butyl Alcohol	100.000	109.817	-9.8	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.518	-7.6	91	0.00
25 M	Chloroform	20.000	21.670	-8.4	91	0.00
26	Cyclohexane	20.000	22.040	-10.2	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.829	-2.8	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	20.895	-4.5	91	0.00
30 M	2-Butanone	100.000	104.300	-4.3	86	0.00
31	2,2-Dichloropropane	20.000	21.200	-6.0	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.681	-3.4	90	0.00
33 M	Carbon Tetrachloride	20.000	20.848	-4.2	92	0.00
34 M	Benzene	20.000	21.037	-5.2	90	0.00
35	Methacrylonitrile	20.000	19.946	0.3	90	0.00
36 M	1,2-Dichloroethane	20.000	20.871	-4.4	92	0.00
37 M	Trichloroethene	20.000	21.027	-5.1	92	0.00
38	Methylcyclohexane	20.000	21.631	-8.2	94	0.00
39 M	1,2-Dichloropropane	20.000	20.900	-4.5	89	0.00
40	Dibromomethane	20.000	21.024	-5.1	92	0.00
41 M	Bromodichloromethane	20.000	20.813	-4.1	92	0.00
42 M	Vinyl Acetate	100.000	103.126	-3.1	90	0.00
43	Ethyl Acetate	20.000	21.328	-6.6	90	0.00
44	Isopropyl Acetate	20.000	20.832	-4.2	90	0.00
45 T	1,4-Dioxane	400.000	426.784	-6.7	95	0.00
46	Methyl methacrylate	20.000	19.511	2.4	92	0.00
47	n-amyl Acetate	20.000	20.413	-2.1	94	0.00
48 M	t-1,3-Dichloropropene	20.000	20.312	-1.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.340	-1.7	91	0.00
50 M	1,1,2-Trichloroethane	20.000	20.852	-4.3	91	0.00
51	Ethyl methacrylate	20.000	20.632	-3.2	91	0.00
52	1,3-Dichloropropane	20.000	20.875	-4.4	91	0.00
53 M	Dibromochloromethane	20.000	20.175	-0.9	91	0.00
54 M	1,2-Dibromoethane	20.000	20.461	-2.3	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	76.641	23.4	72	0.00
56 M	Bromoform	20.000	19.359	3.2	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.000	-5.0	90	0.00
59 M	2-Hexanone	100.000	104.951	-5.0	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.480	1.7	90	0.00
61 M	Tetrachloroethene	20.000	22.190	-11.0	96	0.00
62 M	Toluene	20.000	21.365	-6.8	92	0.00
63 S	Toluene-d8	30.000	30.017	-0.1	89	0.00
64 M	Chlorobenzene	20.000	21.219	-6.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.122	-5.6	93	0.00
66 M	Ethyl Benzene	20.000	21.370	-6.9	93	0.00
67 M	m/p-Xylenes	40.000	43.014	-7.5	93	0.00
68 M	o-Xylene	20.000	21.007	-5.0	92	0.00
69 M	Styrene	20.000	20.855	-4.3	94	0.00
70	Isopropylbenzene	20.000	21.436	-7.2	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.076	-5.4	90	0.00
72	1,2,3-Trichloropropane	20.000	20.637	-3.2	98	0.00
73	Bromobenzene	20.000	21.046	-5.2	93	0.00
74	n-propylbenzene	20.000	21.373	-6.9	95	0.00
75	2-Chlorotoluene	20.000	21.405	-7.0	94	0.00
76	1,3,5-Trimethylbenzene	20.000	21.353	-6.8	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.286	3.6	89	0.00
78	4-Chlorotoluene	20.000	21.029	-5.1	95	0.00
79	tert-butylbenzene	20.000	21.232	-6.2	93	0.00
80	1,2,4-Trimethylbenzene	20.000	21.448	-7.2	94	0.00
81	sec-Butylbenzene	20.000	21.332	-6.7	95	0.00
82	p-Isopropyltoluene	20.000	21.193	-6.0	95	0.00
83 M	1,3-Dichlorobenzene	20.000	21.319	-6.6	97	0.00
84 M	1,4-Dichlorobenzene	20.000	21.139	-5.7	97	0.00
85	n-Butylbenzene	20.000	20.922	-4.6	97	0.00
86 T	Hexachloroethane	20.000	20.237	-1.2	92	0.00
87 M	1,2-Dichlorobenzene	20.000	21.514	-7.6	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.182	-0.9	90	0.00
89	1,2,4-Trichlorobenzene	20.000	20.491	-2.5	98	0.00
90	Hexachlorobutadiene	20.000	21.851	-9.3	98	0.00
91 M	Naphthalene	20.000	20.680	-3.4	102	0.00
92	1,2,3-Trichlorobenzene	20.000	21.133	-5.7	100	0.00

(#) = Out of Range

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