

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071517.D
 Acq On : 24 Mar 2022 12:50
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN032422

Quant Time: Mar 25 08:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.691	6.5	94	0.00
3 M	Chloromethane	20.000	18.191	9.0	95	0.00
4 M	Vinyl Chloride	20.000	17.663	11.7	93	0.00
5 M	Bromomethane	20.000	21.851	-9.3	102	0.00
6 M	Chloroethane	20.000	18.841	5.8	99	0.00
7 M	Trichlorofluoromethane	20.000	18.242	8.8	96	0.00
8 T	Diethyl Ether	20.000	17.554	12.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.860	5.7	97	0.00
10 M	1,1-Dichloroethene	20.000	17.967	10.2	95	0.00
11	Methyl Iodide	20.000	16.508	17.5	88	0.00
12	Methyl Acetate	20.000	16.973	15.1	90	0.00
13 M	Acrolein	100.000	82.680	17.3	91	0.00
14 M	Acrylonitrile	100.000	85.584	14.4	92	0.00
15 M	Acetone	100.000	100.275	-0.3	101	0.00
16 M	Carbon Disulfide	20.000	17.646	11.8	95	0.00
17	Allyl chloride	20.000	17.408	13.0	93	0.00
18 M	Methylene Chloride	20.000	17.916	10.4	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.865	10.7	95	0.00
20 T	Diisopropyl ether	20.000	18.261	8.7	95	0.00
21 M	1,1-Dichloroethane	20.000	17.775	11.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.889	10.6	94	0.00
23 M	tert-Butyl Alcohol	100.000	86.595	13.4	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.997	10.0	95	0.00
25 M	Chloroform	20.000	18.383	8.1	96	0.00
26	Cyclohexane	20.000	17.937	10.3	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.294	-1.0	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	18.247	8.8	98	0.00
30 M	2-Butanone	100.000	86.993	13.0	93	0.00
31	2,2-Dichloropropane	20.000	17.988	10.1	97	0.00
32 M	1,1,1-Trichloroethane	20.000	17.910	10.4	96	0.00
33 M	Carbon Tetrachloride	20.000	17.658	11.7	94	0.00
34 M	Benzene	20.000	17.808	11.0	94	0.00
35	Methacrylonitrile	20.000	18.070	9.6	92	0.00
36 M	1,2-Dichloroethane	20.000	17.810	11.0	95	0.00
37 M	Trichloroethene	20.000	17.894	10.5	97	0.00
38	Methylcyclohexane	20.000	18.296	8.5	99	0.00
39 M	1,2-Dichloropropane	20.000	17.772	11.1	94	0.00
40	Dibromomethane	20.000	17.629	11.9	94	0.00
41 M	Bromodichloromethane	20.000	17.582	12.1	95	0.00
42 M	Vinyl Acetate	100.000	87.595	12.4	95	0.00
43	Ethyl Acetate	20.000	16.964	15.2	89	0.00
44	Isopropyl Acetate	20.000	17.023	14.9	94	0.00
45 T	1,4-Dioxane	400.000	355.203	11.2	93	0.00
46	Methyl methacrylate	20.000	16.535	17.3	94	0.00
47	n-amyl Acetate	20.000	16.745	16.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.515	12.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.348	13.3	95	0.00
50 M	1,1,2-Trichloroethane	20.000	17.845	10.8	95	0.00
51	Ethyl methacrylate	20.000	17.171	14.1	97	0.00
52	1,3-Dichloropropane	20.000	17.913	10.4	95	0.00
53 M	Dibromochloromethane	20.000	17.356	13.2	95	0.00
54 M	1,2-Dibromoethane	20.000	17.768	11.2	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.466	26.5	81	0.00
56 M	Bromoform	20.000	16.482	17.6	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.339	12.7	93	0.00
59 M	2-Hexanone	100.000	87.658	12.3	94	0.00
60 S	4-Bromofluorobenzene	30.000	30.365	-1.2	108	0.00
61 M	Tetrachloroethene	20.000	18.754	6.2	98	0.00
62 M	Toluene	20.000	18.324	8.4	96	0.00
63 S	Toluene-d8	30.000	30.787	-2.6	105	0.00
64 M	Chlorobenzene	20.000	18.165	9.2	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.843	10.8	94	0.00
66 M	Ethyl Benzene	20.000	17.991	10.0	98	0.00
67 M	m/p-Xylenes	40.000	36.590	8.5	98	0.00
68 M	o-Xylene	20.000	17.973	10.1	97	0.00
69 M	Styrene	20.000	17.633	11.8	98	0.00
70	Isopropylbenzene	20.000	18.338	8.3	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.742	11.3	92	0.00
72	1,2,3-Trichloropropane	20.000	15.015	24.9	78	0.00
73	Bromobenzene	20.000	17.736	11.3	98	0.00
74	n-propylbenzene	20.000	18.041	9.8	100	0.00
75	2-Chlorotoluene	20.000	18.086	9.6	98	0.00
76	1,3,5-Trimethylbenzene	20.000	18.335	8.3	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.844	15.8	101	0.00
78	4-Chlorotoluene	20.000	17.963	10.2	100	0.00
79	tert-butylbenzene	20.000	18.125	9.4	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.357	8.2	100	0.00
81	sec-Butylbenzene	20.000	17.929	10.4	99	0.00
82	p-Isopropyltoluene	20.000	18.053	9.7	101	0.00
83 M	1,3-Dichlorobenzene	20.000	18.326	8.4	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.170	9.1	103	0.00
85	n-Butylbenzene	20.000	17.388	13.1	105	0.00
86 T	Hexachloroethane	20.000	16.807	16.0	93	0.00
87 M	1,2-Dichlorobenzene	20.000	18.401	8.0	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.260	18.7	92	0.00
89	1,2,4-Trichlorobenzene	20.000	17.683	11.6	107	0.00
90	Hexachlorobutadiene	20.000	19.297	3.5	106	0.00
91 M	Naphthalene	20.000	18.795	6.0	109	0.00
92	1,2,3-Trichlorobenzene	20.000	18.113	9.4	109	0.00

(#) = Out of Range

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