

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072635.D
 Acq On : 26 May 2022 16:46
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN052622

Quant Time: May 27 05:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.391	-2.0	97	0.00
3 M	Chloromethane	20.000	17.515	12.4	94	0.00
4 M	Vinyl Chloride	20.000	17.855	10.7	93	0.00
5 M	Bromomethane	20.000	17.973	10.1	101	0.02
6 M	Chloroethane	20.000	17.567	12.2	87	0.01
7 M	Trichlorofluoromethane	20.000	20.860	-4.3	97	0.00
8 T	Diethyl Ether	20.000	20.452	-2.3	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.787	-8.9	98	0.00
10 M	1,1-Dichloroethene	20.000	21.121	-5.6	94	0.00
11	Methyl Iodide	20.000	18.813	5.9	87	0.00
12	Methyl Acetate	20.000	21.254	-6.3	102	0.00
13 M	Acrolein	100.000	96.619	3.4	100	0.00
14 M	Acrylonitrile	100.000	106.826	-6.8	100	0.00
15 M	Acetone	100.000	113.187	-13.2	103	0.00
16 M	Carbon Disulfide	20.000	21.185	-5.9	99	0.00
17	Allyl chloride	20.000	21.201	-6.0	99	0.00
18 M	Methylene Chloride	20.000	20.573	-2.9	90	0.01
19 M	trans-1,2-Dichloroethene	20.000	21.012	-5.1	93	0.00
20 T	Diisopropyl ether	20.000	19.437	2.8	96	0.00
21 M	1,1-Dichloroethane	20.000	19.535	2.3	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.674	-3.4	97	0.00
23 M	tert-Butyl Alcohol	100.000	103.573	-3.6	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.810	-4.0	97	0.00
25 M	Chloroform	20.000	19.040	4.8	95	0.00
26	Cyclohexane	20.000	18.411	7.9	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.025	3.3	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.318	3.4	93	0.00
30 M	2-Butanone	100.000	107.066	-7.1	99	0.00
31	2,2-Dichloropropane	20.000	21.235	-6.2	98	0.00
32 M	1,1,1-Trichloroethane	20.000	19.906	0.5	95	0.00
33 M	Carbon Tetrachloride	20.000	18.723	6.4	91	0.00
34 M	Benzene	20.000	19.418	2.9	93	0.00
35	Methacrylonitrile	20.000	18.724	6.4	98	0.00
36 M	1,2-Dichloroethane	20.000	19.932	0.3	96	0.00
37 M	Trichloroethene	20.000	18.807	6.0	92	0.00
38	Methylcyclohexane	20.000	18.318	8.4	91	0.00
39 M	1,2-Dichloropropane	20.000	18.330	8.4	88	0.00
40	Dibromomethane	20.000	18.815	5.9	91	0.00
41 M	Bromodichloromethane	20.000	17.570	12.1	85	0.00
42 M	Vinyl Acetate	100.000	102.780	-2.8	97	0.00
43	Ethyl Acetate	20.000	19.534	2.3	95	0.00
44	Isopropyl Acetate	20.000	19.982	0.1	98	0.00
45 T	1,4-Dioxane	400.000	390.371	2.4	94	0.00
46	Methyl methacrylate	20.000	18.148	9.3	94	0.00
47	n-amyl Acetate	20.000	17.093	14.5	86	0.00
48 M	t-1,3-Dichloropropene	20.000	17.889	10.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.095	14.5	83	0.00
50 M	1,1,2-Trichloroethane	20.000	17.370	13.1	83	0.00
51	Ethyl methacrylate	20.000	17.954	10.2	88	0.00
52	1,3-Dichloropropane	20.000	17.478	12.6	84	0.00
53 M	Dibromochloromethane	20.000	16.661	16.7	80	0.00
54 M	1,2-Dibromoethane	20.000	16.369	18.2	78	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.944	15.1	91	0.00
56 M	Bromoform	20.000	16.387	18.1	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	114.344	-14.3	95	0.00
59 M	2-Hexanone	100.000	117.479	-17.5	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.662	-2.2	89	0.00
61 M	Tetrachloroethene	20.000	19.265	3.7	77	0.00
62 M	Toluene	20.000	20.669	-3.3	83	0.00
63 S	Toluene-d8	30.000	31.845	-6.1	92	0.00
64 M	Chlorobenzene	20.000	19.369	3.2	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.826	5.9	77	0.00
66 M	Ethyl Benzene	20.000	19.234	3.8	81	0.00
67 M	m/p-Xylenes	40.000	39.864	0.3	81	0.00
68 M	o-Xylene	20.000	19.937	0.3	81	0.00
69 M	Styrene	20.000	18.895	5.5	79	0.00
70	Isopropylbenzene	20.000	21.689	-8.4	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.801	-4.0	84	0.00
72	1,2,3-Trichloropropane	20.000	21.928	-9.6	86	0.00
73	Bromobenzene	20.000	19.580	2.1	80	0.00
74	n-propylbenzene	20.000	19.993	0.0	84	0.00
75	2-Chlorotoluene	20.000	19.306	3.5	81	0.00
76	1,3,5-Trimethylbenzene	20.000	19.192	4.0	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.205	-1.0	87	0.00
78	4-Chlorotoluene	20.000	19.635	1.8	82	0.00
79	tert-butylbenzene	20.000	19.704	1.5	79	0.00
80	1,2,4-Trimethylbenzene	20.000	19.529	2.4	80	0.00
81	sec-Butylbenzene	20.000	19.746	1.3	85	0.00
82	p-Isopropyltoluene	20.000	18.893	5.5	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.545	7.3	80	0.00
84 M	1,4-Dichlorobenzene	20.000	18.626	6.9	80	0.00
85	n-Butylbenzene	20.000	21.172	-5.9	97	0.00
86 T	Hexachloroethane	20.000	19.745	1.3	85	0.00
87 M	1,2-Dichlorobenzene	20.000	21.075	-5.4	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.892	-4.5	91	0.00
89	1,2,4-Trichlorobenzene	20.000	17.923	10.4	79	0.00
90	Hexachlorobutadiene	20.000	18.378	8.1	75	0.00
91 M	Naphthalene	20.000	22.831	-14.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	22.829	-14.1	99	0.00

(#) = Out of Range

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