

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073649.D
 Acq On : 29 Jul 2022 21:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 01 04:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.600	2.0	92	0.00
3 M	Chloromethane	20.000	20.438	-2.2	92	0.00
4 M	Vinyl Chloride	20.000	20.524	-2.6	96	0.00
5 M	Bromomethane	20.000	22.137	-10.7	91	0.00
6 M	Chloroethane	20.000	20.326	-1.6	95	0.00
7 M	Trichlorofluoromethane	20.000	22.652	-13.3	109	0.00
8 T	Diethyl Ether	20.000	19.679	1.6	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.909	0.5	96	0.00
10 M	1,1-Dichloroethene	20.000	19.811	0.9	97	0.00
11	Methyl Iodide	20.000	19.169	4.2	100	0.00
12	Methyl Acetate	20.000	21.094	-5.5	101	0.00
13 M	Acrolein	100.000	112.391	-12.4	106	0.00
14 M	Acrylonitrile	100.000	101.580	-1.6	95	0.00
15 M	Acetone	100.000	105.392	-5.4	101	0.00
16 M	Carbon Disulfide	20.000	18.632	6.8	91	0.00
17	Allyl chloride	20.000	18.243	8.8	90	0.00
18 M	Methylene Chloride	20.000	21.728	-8.6	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.614	1.9	95	-0.01
20 T	Diisopropyl ether	20.000	19.834	0.8	95	0.00
21 M	1,1-Dichloroethane	20.000	19.346	3.3	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.086	-0.4	100	0.00
23 M	tert-Butyl Alcohol	100.000	103.084	-3.1	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.347	-1.7	101	0.00
25 M	Chloroform	20.000	19.868	0.7	94	0.00
26	Cyclohexane	20.000	18.367	8.2	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.221	-4.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	17.914	10.4	95	0.00
30 M	2-Butanone	100.000	94.602	5.4	98	0.00
31	2,2-Dichloropropane	20.000	15.568	22.2	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.038	4.8	99	0.00
33 M	Carbon Tetrachloride	20.000	19.052	4.7	102	0.00
34 M	Benzene	20.000	18.595	7.0	96	0.00
35	Methacrylonitrile	20.000	18.848	5.8	87	0.00
36 M	1,2-Dichloroethane	20.000	19.013	4.9	96	0.00
37 M	Trichloroethene	20.000	18.341	8.3	98	0.00
38	Methylcyclohexane	20.000	17.521	12.4	95	0.00
39 M	1,2-Dichloropropane	20.000	17.862	10.7	91	0.00
40	Dibromomethane	20.000	19.241	3.8	99	0.00
41 M	Bromodichloromethane	20.000	18.589	7.1	97	0.00
42 M	Vinyl Acetate	100.000	90.963	9.0	95	0.00
43	Ethyl Acetate	20.000	19.020	4.9	105	0.00
44	Isopropyl Acetate	20.000	18.645	6.8	98	0.00
45 T	1,4-Dioxane	400.000	372.381	6.9	97	0.00
46	Methyl methacrylate	20.000	17.624	11.9	94	0.00
47	n-amyl Acetate	20.000	18.153	9.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	17.683	11.6	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.945	10.3	97	0.00
50 M	1,1,2-Trichloroethane	20.000	19.138	4.3	101	0.00
51	Ethyl methacrylate	20.000	18.050	9.7	100	0.00
52	1,3-Dichloropropane	20.000	18.556	7.2	98	0.00
53 M	Dibromochloromethane	20.000	18.752	6.2	101	0.00
54 M	1,2-Dibromoethane	20.000	18.714	6.4	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.441	-0.4	108	0.00
56 M	Bromoform	20.000	18.032	9.8	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.485	3.5	96	0.00
59 M	2-Hexanone	100.000	95.257	4.7	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.431	1.9	103	0.00
61 M	Tetrachloroethene	20.000	17.189	14.1	88	0.00
62 M	Toluene	20.000	18.895	5.5	97	0.00
63 S	Toluene-d8	30.000	29.916	0.3	99	0.00
64 M	Chlorobenzene	20.000	18.649	6.8	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.689	6.6	99	0.00
66 M	Ethyl Benzene	20.000	17.987	10.1	95	0.00
67 M	m/p-Xylenes	40.000	37.818	5.5	99	0.00
68 M	o-Xylene	20.000	18.845	5.8	100	0.00
69 M	Styrene	20.000	18.427	7.9	97	0.00
70	Isopropylbenzene	20.000	18.619	6.9	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.842	0.8	102	0.00
72	1,2,3-Trichloropropane	20.000	20.561	-2.8	117	0.00
73	Bromobenzene	20.000	18.650	6.8	102	0.00
74	n-propylbenzene	20.000	18.019	9.9	96	0.00
75	2-Chlorotoluene	20.000	18.428	7.9	96	0.00
76	1,3,5-Trimethylbenzene	20.000	18.636	6.8	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.247	13.8	98	0.00
78	4-Chlorotoluene	20.000	18.006	10.0	96	0.00
79	tert-butylbenzene	20.000	18.728	6.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.382	8.1	96	0.00
81	sec-Butylbenzene	20.000	17.915	10.4	97	0.00
82	p-Isopropyltoluene	20.000	17.777	11.1	98	0.00
83 M	1,3-Dichlorobenzene	20.000	18.386	8.1	101	0.00
84 M	1,4-Dichlorobenzene	20.000	18.065	9.7	98	0.00
85	n-Butylbenzene	20.000	16.191	19.0	94	0.00
86 T	Hexachloroethane	20.000	18.638	6.8	103	0.00
87 M	1,2-Dichlorobenzene	20.000	18.786	6.1	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.942	5.3	101	0.00
89	1,2,4-Trichlorobenzene	20.000	16.357	18.2	99	0.00
90	Hexachlorobutadiene	20.000	18.154	9.2	103	0.00
91 M	Naphthalene	20.000	17.274	13.6	101	0.00
92	1,2,3-Trichlorobenzene	20.000	17.606	12.0	102	0.00

(#) = Out of Range

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