

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079081.D
 Acq On : 29 Aug 2023 09:21
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 29 23:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	18.350	8.2	80	0.00
3 M	Chloromethane	20.000	17.997	10.0	78	0.00
4 M	Vinyl Chloride	20.000	18.874	5.6	82	0.00
5 M	Bromomethane	20.000	19.263	3.7	87	0.00
6 M	Chloroethane	20.000	20.790	-3.9	93	0.00
7 M	Trichlorofluoromethane	20.000	19.264	3.7	87	0.00
8 T	Diethyl Ether	20.000	17.710	11.4	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.282	-1.4	88	0.00
10 M	1,1-Dichloroethene	20.000	19.809	1.0	84	0.00
11	Methyl Iodide	20.000	19.947	0.3	87	0.00
12	Methyl Acetate	20.000	18.071	9.6	78	0.00
13 M	Acrolein	100.000	92.721	7.3	85	0.00
14 M	Acrylonitrile	100.000	93.292	6.7	79	-0.01
15 M	Acetone	100.000	98.939	1.1	88	0.00
16 M	Carbon Disulfide	20.000	18.427	7.9	79	0.00
17	Allyl chloride	20.000	18.116	9.4	79	0.00
18 M	Methylene Chloride	20.000	20.344	-1.7	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.218	3.9	86	0.00
20 T	Diisopropyl ether	20.000	20.088	-0.4	86	0.00
21 M	1,1-Dichloroethane	20.000	19.947	0.3	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.321	8.4	76	0.00
23 M	tert-Butyl Alcohol	100.000	88.983	11.0	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.779	6.1	79	0.00
25 M	Chloroform	20.000	19.332	3.3	85	0.00
26	Cyclohexane	20.000	17.845	10.8	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.638	1.2	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	19.059	4.7	77	0.00
30 M	2-Butanone	100.000	89.184	10.8	75	0.00
31	2,2-Dichloropropane	20.000	20.526	-2.6	84	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.308	3.5	80	0.00
33 M	Carbon Tetrachloride	20.000	19.350	3.2	79	0.00
34 M	Benzene	20.000	19.508	2.5	80	0.00
35	Methacrylonitrile	20.000	17.518	12.4	71	0.00
36 M	1,2-Dichloroethane	20.000	19.996	0.0	84	0.00
37 M	Trichloroethene	20.000	19.291	3.5	82	0.00
38	Methylcyclohexane	20.000	18.571	7.1	77	0.00
39 M	1,2-Dichloropropane	20.000	19.361	3.2	82	0.00
40	Dibromomethane	20.000	19.210	3.9	80	0.00
41 M	Bromodichloromethane	20.000	20.166	-0.8	83	0.00
42 M	Vinyl Acetate	100.000	93.865	6.1	76	0.00
43	Ethyl Acetate	20.000	19.091	4.5	82	0.00
44	Isopropyl Acetate	20.000	17.351	13.2	71	0.00
45 T	1,4-Dioxane	400.000	338.715	15.3	70	0.00
46	Methyl methacrylate	20.000	17.979	10.1	73	0.00
47	n-amyl Acetate	20.000	17.280	13.6	69	0.00
48 M	t-1,3-Dichloropropene	20.000	18.495	7.5	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.927	5.4	78	0.00
50 M	1,1,2-Trichloroethane	20.000	19.553	2.2	79	0.00
51	Ethyl methacrylate	20.000	17.435	12.8	70	0.00
52	1,3-Dichloropropane	20.000	19.572	2.1	81	0.00
53 M	Dibromochloromethane	20.000	19.725	1.4	84	0.00
54 M	1,2-Dibromoethane	20.000	19.015	4.9	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.666	17.3	73	0.00
56 M	Bromoform	20.000	19.188	4.1	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.025	13.0	74	0.00
59 M	2-Hexanone	100.000	85.035	15.0	72	0.00
60 S	4-Bromofluorobenzene	30.000	29.767	0.8	84	0.00
61 M	Tetrachloroethene	20.000	20.643	-3.2	87	0.00
62 M	Toluene	20.000	19.560	2.2	82	0.00
63 S	Toluene-d8	30.000	30.560	-1.9	86	0.00
64 M	Chlorobenzene	20.000	18.756	6.2	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.754	6.2	78	0.00
66 M	Ethyl Benzene	20.000	18.431	7.8	78	0.00
67 M	m/p-Xylenes	40.000	38.538	3.7	80	0.00
68 M	o-Xylene	20.000	18.288	8.6	77	0.00
69 M	Styrene	20.000	18.373	8.1	76	0.00
70	Isopropylbenzene	20.000	19.106	4.5	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.254	8.7	77	0.00
72	1,2,3-Trichloropropane	20.000	17.858	10.7	78	0.00
73	Bromobenzene	20.000	18.385	8.1	78	0.00
74	n-propylbenzene	20.000	19.733	1.3	82	0.00
75	2-Chlorotoluene	20.000	19.500	2.5	82	0.00
76	1,3,5-Trimethylbenzene	20.000	20.081	-0.4	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.256	23.7	65	0.00
78	4-Chlorotoluene	20.000	18.943	5.3	79	0.00
79	tert-butylbenzene	20.000	18.692	6.5	80	0.00
80	1,2,4-Trimethylbenzene	20.000	20.282	-1.4	84	0.00
81	sec-Butylbenzene	20.000	19.848	0.8	81	0.00
82	p-Isopropyltoluene	20.000	19.726	1.4	79	0.00
83 M	1,3-Dichlorobenzene	20.000	19.771	1.1	85	0.00
84 M	1,4-Dichlorobenzene	20.000	18.384	8.1	75	0.00
85	n-Butylbenzene	20.000	19.166	4.2	78	0.00
86 T	Hexachloroethane	20.000	20.020	-0.1	85	0.00
87 M	1,2-Dichlorobenzene	20.000	18.523	7.4	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.908	20.5	63	0.00
89	1,2,4-Trichlorobenzene	20.000	14.816	25.9#	58	0.00
90	Hexachlorobutadiene	20.000	20.116	-0.6	77	0.00
91 M	Naphthalene	20.000	12.636	36.8#	50	0.00
92	1,2,3-Trichlorobenzene	20.000	14.816	25.9#	58	0.00

(#) = Out of Range

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