

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081981.D
 Acq On : 02 May 2024 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 03 00:12:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 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	79	0.00
2 M	Dichlorodifluoromethane	20.000	19.386	3.1	77	0.00
3 M	Chloromethane	20.000	19.764	1.2	81	0.00
4 M	Vinyl Chloride	20.000	19.643	1.8	81	0.00
5 M	Bromomethane	20.000	16.836	15.8	67	0.00
6 M	Chloroethane	20.000	20.690	-3.5	81	0.00
7 M	Trichlorofluoromethane	20.000	18.941	5.3	75	0.00
8 T	Diethyl Ether	20.000	19.626	1.9	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.047	4.8	74	0.02
10 M	1,1-Dichloroethene	20.000	19.767	1.2	80	0.00
11	Methyl Iodide	20.000	19.382	3.1	89	-0.01
12	Methyl Acetate	20.000	22.437	-12.2	91	0.00
13 M	Acrolein	100.000	74.039	26.0#	62	0.00
14 M	Acrylonitrile	100.000	105.932	-5.9	84	0.00
15 M	Acetone	100.000	102.045	-2.0	79	0.00
16 M	Carbon Disulfide	20.000	18.625	6.9	77	0.00
17	Allyl chloride	20.000	19.710	1.4	76	0.00
18 M	Methylene Chloride	20.000	19.822	0.9	82	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.550	2.2	82	0.00
20 T	Diisopropyl ether	20.000	20.793	-4.0	83	0.00
21 M	1,1-Dichloroethane	20.000	20.623	-3.1	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.953	0.2	82	0.00
23 M	tert-Butyl Alcohol	100.000	94.055	5.9	71	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.089	-0.4	78	0.00
25 M	Chloroform	20.000	20.823	-4.1	82	0.00
26	Cyclohexane	20.000	19.767	1.2	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.479	1.7	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	18.767	6.2	79	0.00
30 M	2-Butanone	100.000	99.191	0.8	81	0.00
31	2,2-Dichloropropane	20.000	22.735	-13.7	97	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.502	2.5	81	0.00
33 M	Carbon Tetrachloride	20.000	19.007	5.0	78	0.00
34 M	Benzene	20.000	19.717	1.4	81	0.00
35	Methacrylonitrile	20.000	18.711	6.4	79	0.00
36 M	1,2-Dichloroethane	20.000	18.355	8.2	77	0.00
37 M	Trichloroethene	20.000	16.898	15.5	71	0.00
38	Methylcyclohexane	20.000	19.196	4.0	80	0.00
39 M	1,2-Dichloropropane	20.000	20.053	-0.3	86	0.00
40	Dibromomethane	20.000	19.869	0.7	84	0.00
41 M	Bromodichloromethane	20.000	18.548	7.3	79	0.00
42 M	Vinyl Acetate	100.000	97.508	2.5	82	0.00
43	Ethyl Acetate	20.000	20.087	-0.4	85	0.01
44	Isopropyl Acetate	20.000	19.420	2.9	81	0.00
45 T	1,4-Dioxane	400.000	407.470	-1.9	84	0.00
46	Methyl methacrylate	20.000	19.581	2.1	82	0.00
47	n-amyl Acetate	20.000	19.240	3.8	82	0.00
48 M	t-1,3-Dichloropropene	20.000	19.045	4.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.128	4.4	80	0.00
50 M	1,1,2-Trichloroethane	20.000	20.232	-1.2	84	0.00
51	Ethyl methacrylate	20.000	19.645	1.8	83	0.00
52	1,3-Dichloropropane	20.000	19.482	2.6	82	0.00
53 M	Dibromochloromethane	20.000	18.568	7.2	81	0.00
54 M	1,2-Dibromoethane	20.000	19.997	0.0	83	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.100	-6.1	88	0.00
56 M	Bromoform	20.000	16.886	15.6	71	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.419	0.6	80	0.00
59 M	2-Hexanone	100.000	100.667	-0.7	81	0.00
60 S	4-Bromofluorobenzene	30.000	29.583	1.4	83	0.00
61 M	Tetrachloroethene	20.000	17.916	10.4	71	0.00
62 M	Toluene	20.000	20.046	-0.2	81	0.00
63 S	Toluene-d8	30.000	30.777	-2.6	83	0.00
64 M	Chlorobenzene	20.000	19.603	2.0	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.014	4.9	76	0.00
66 M	Ethyl Benzene	20.000	19.761	1.2	78	0.00
67 M	m/p-Xylenes	40.000	39.957	0.1	80	0.00
68 M	o-Xylene	20.000	19.865	0.7	79	0.00
69 M	Styrene	20.000	19.739	1.3	81	0.00
70	Isopropylbenzene	20.000	19.520	2.4	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.096	-5.5	83	0.00
72	1,2,3-Trichloropropane	20.000	20.305	-1.5	84	0.00
73	Bromobenzene	20.000	18.814	5.9	78	0.00
74	n-propylbenzene	20.000	20.452	-2.3	82	0.00
75	2-Chlorotoluene	20.000	19.135	4.3	77	0.00
76	1,3,5-Trimethylbenzene	20.000	19.760	1.2	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.459	-7.3	89	0.00
78	4-Chlorotoluene	20.000	19.700	1.5	81	0.00
79	tert-butylbenzene	20.000	19.382	3.1	77	0.00
80	1,2,4-Trimethylbenzene	20.000	19.457	2.7	79	0.00
81	sec-Butylbenzene	20.000	20.495	-2.5	83	0.00
82	p-Isopropyltoluene	20.000	19.966	0.2	79	0.00
83 M	1,3-Dichlorobenzene	20.000	19.382	3.1	77	0.00
84 M	1,4-Dichlorobenzene	20.000	19.539	2.3	79	0.00
85	n-Butylbenzene	20.000	20.260	-1.3	84	0.00
86 T	Hexachloroethane	20.000	18.266	8.7	73	0.00
87 M	1,2-Dichlorobenzene	20.000	19.402	3.0	79	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.363	8.2	71	0.00
89	1,2,4-Trichlorobenzene	20.000	17.711	11.4	73	0.00
90	Hexachlorobutadiene	20.000	15.987	20.1	69	0.00
91 M	Naphthalene	20.000	18.415	7.9	74	0.00
92	1,2,3-Trichlorobenzene	20.000	17.711	11.4	73	0.00

(#) = Out of Range

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