

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080750.D
 Acq On : 22 Jan 2024 20:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 23 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	17.710	11.4	68	0.00
3 M	Chloromethane	20.000	19.098	4.5	76	0.00
4 M	Vinyl Chloride	20.000	19.680	1.6	77	0.00
5 M	Bromomethane	20.000	20.103	-0.5	77	0.00
6 M	Chloroethane	20.000	19.178	4.1	73	0.00
7 M	Trichlorofluoromethane	20.000	17.146	14.3	66	0.00
8 T	Diethyl Ether	20.000	16.873	15.6	63	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.411	7.9	70	-0.01
10 M	1,1-Dichloroethene	20.000	17.879	10.6	68	0.00
11	Methyl Iodide	20.000	16.231	18.8	63	0.00
12	Methyl Acetate	20.000	19.184	4.1	73	0.00
13 M	Acrolein	100.000	87.085	12.9	68	0.00
14 M	Acrylonitrile	100.000	95.263	4.7	72	0.00
15 M	Acetone	100.000	92.449	7.6	68	0.00
16 M	Carbon Disulfide	20.000	16.643	16.8	63	0.00
17	Allyl chloride	20.000	17.577	12.1	68	0.00
18 M	Methylene Chloride	20.000	17.615	11.9	66	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.150	9.3	66	0.00
20 T	Diisopropyl ether	20.000	18.526	7.4	70	0.00
21 M	1,1-Dichloroethane	20.000	19.165	4.2	71	0.01
22 M	cis-1,2-Dichloroethene	20.000	18.212	8.9	69	0.00
23 M	tert-Butyl Alcohol	100.000	85.170	14.8	63	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.675	11.6	65	0.00
25 M	Chloroform	20.000	18.148	9.3	69	0.00
26	Cyclohexane	20.000	19.396	3.0	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.774	-9.2	77	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	14.946	25.3#	72	0.00
30 M	2-Butanone	100.000	76.259	23.7	69	0.00
31	2,2-Dichloropropane	20.000	13.812	30.9#	66	0.00
32 M	1,1,1-Trichloroethane	20.000	14.025	29.9#	68	0.00
33 M	Carbon Tetrachloride	20.000	13.769	31.2#	67	0.00
34 M	Benzene	20.000	15.462	22.7	72	0.00
35	Methacrylonitrile	20.000	16.208	19.0	74	0.00
36 M	1,2-Dichloroethane	20.000	14.022	29.9#	66	0.00
37 M	Trichloroethene	20.000	14.588	27.1#	71	0.00
38	Methylcyclohexane	20.000	15.266	23.7	72	0.00
39 M	1,2-Dichloropropane	20.000	16.204	19.0	78	0.00
40	Dibromomethane	20.000	15.029	24.9	70	0.00
41 M	Bromodichloromethane	20.000	14.537	27.3#	69	0.00
42 M	Vinyl Acetate	100.000	75.722	24.3	70	0.00
43	Ethyl Acetate	20.000	16.080	19.6	69	0.00
44	Isopropyl Acetate	20.000	15.018	24.9	70	0.00
45 T	1,4-Dioxane	400.000	299.395	25.2#	63	0.00
46	Methyl methacrylate	20.000	15.472	22.6	72	0.00
47	n-amyl Acetate	20.000	14.488	27.6#	67	0.00
48 M	t-1,3-Dichloropropene	20.000	13.658	31.7#	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	14.102	29.5#	67	0.00
50 M	1,1,2-Trichloroethane	20.000	15.001	25.0	69	0.00
51	Ethyl methacrylate	20.000	14.614	26.9#	68	0.00
52	1,3-Dichloropropane	20.000	15.008	25.0	69	0.00
53 M	Dibromochloromethane	20.000	13.664	31.7#	63	0.00
54 M	1,2-Dibromoethane	20.000	14.699	26.5#	69	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.085	25.9#	66	0.00
56 M	Bromoform	20.000	13.153	34.2#	63	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	80.946	19.1	71	0.00
59 M	2-Hexanone	100.000	76.863	23.1	69	0.00
60 S	4-Bromofluorobenzene	30.000	26.582	11.4	76	0.00
61 M	Tetrachloroethene	20.000	15.910	20.4	72	0.00
62 M	Toluene	20.000	16.022	19.9	73	0.00
63 S	Toluene-d8	30.000	30.231	-0.8	86	0.00
64 M	Chlorobenzene	20.000	15.050	24.7	69	0.00
65	1,1,1,2-Tetrachloroethane	20.000	14.440	27.8#	67	0.00
66 M	Ethyl Benzene	20.000	16.164	19.2	74	0.00
67 M	m/p-Xylenes	40.000	31.162	22.1	70	0.00
68 M	o-Xylene	20.000	15.780	21.1	73	0.00
69 M	Styrene	20.000	15.401	23.0	70	0.00
70	Isopropylbenzene	20.000	15.883	20.6	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.097	24.5	67	0.00
72	1,2,3-Trichloropropane	20.000	16.040	19.8	68	0.00
73	Bromobenzene	20.000	15.234	23.8	69	0.00
74	n-propylbenzene	20.000	15.884	20.6	72	0.00
75	2-Chlorotoluene	20.000	15.205	24.0	71	0.00
76	1,3,5-Trimethylbenzene	20.000	15.526	22.4	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.996	25.0#	69	0.00
78	4-Chlorotoluene	20.000	15.153	24.2	72	0.00
79	tert-butylbenzene	20.000	15.960	20.2	73	0.00
80	1,2,4-Trimethylbenzene	20.000	15.546	22.3	68	0.00
81	sec-Butylbenzene	20.000	15.728	21.4	73	0.00
82	p-Isopropyltoluene	20.000	15.993	20.0	72	0.00
83 M	1,3-Dichlorobenzene	20.000	16.078	19.6	73	0.00
84 M	1,4-Dichlorobenzene	20.000	15.376	23.1	70	0.00
85	n-Butylbenzene	20.000	15.293	23.5	72	0.00
86 T	Hexachloroethane	20.000	14.294	28.5#	73	0.00
87 M	1,2-Dichlorobenzene	20.000	16.116	19.4	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	12.097	39.5#	52	0.01
89	1,2,4-Trichlorobenzene	20.000	14.245	28.8#	63	0.00
90	Hexachlorobutadiene	20.000	13.862	30.7#	66	0.00
91 M	Naphthalene	20.000	14.409	28.0#	63	0.00
92	1,2,3-Trichlorobenzene	20.000	14.245	28.8#	63	0.00

(#) = Out of Range

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