

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081820.D
 Acq On : 22 Apr 2024 09:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	50	-0.02
2 M	Dichlorodifluoromethane	20.000	14.304	28.5#	36	0.00
3 M	Chloromethane	20.000	19.787	1.1	48	0.00
4 M	Vinyl Chloride	20.000	23.380	-16.9	63	0.00
5 M	Bromomethane	20.000	23.084	-15.4	55	0.00
6 M	Chloroethane	20.000	25.890	-29.5#	68	0.00
7 M	Trichlorofluoromethane	20.000	12.050	39.8#	24	0.00
8 T	Diethyl Ether	20.000	16.083	19.6	38	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.973	5.1	45	0.00
10 M	1,1-Dichloroethene	20.000	17.240	13.8	41	0.00
11	Methyl Iodide	20.000	15.525	22.4	48	-0.01
12	Methyl Acetate	20.000	18.692	6.5	47	0.00
13 M	Acrolein	100.000	91.691	8.3	50	0.00
14 M	Acrylonitrile	100.000	91.592	8.4	46	0.00
15 M	Acetone	100.000	87.621	12.4	43	0.00
16 M	Carbon Disulfide	20.000	17.465	12.7	43	0.00
17	Allyl chloride	20.000	18.562	7.2	45	0.00
18 M	Methylene Chloride	20.000	18.765	6.2	46	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.599	7.0	44	0.00
20 T	Diisopropyl ether	20.000	20.826	-4.1	49	-0.01
21 M	1,1-Dichloroethane	20.000	20.795	-4.0	50	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.429	2.9	47	0.00
23 M	tert-Butyl Alcohol	100.000	75.926	24.1	36	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.371	8.1	44	0.00
25 M	Chloroform	20.000	21.453	-7.3	52	0.00
26	Cyclohexane	20.000	19.904	0.5	49	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.072	-10.2	53	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	47	0.00
29	1,1-Dichloropropene	20.000	20.551	-2.8	51	0.00
30 M	2-Butanone	100.000	94.816	5.2	47	0.00
31	2,2-Dichloropropane	20.000	20.570	-2.9	49	0.00
32 M	1,1,1-Trichloroethane	20.000	21.468	-7.3	52	0.00
33 M	Carbon Tetrachloride	20.000	19.680	1.6	48	0.00
34 M	Benzene	20.000	20.266	-1.3	50	0.00
35	Methacrylonitrile	20.000	22.102	-10.5	54	0.00
36 M	1,2-Dichloroethane	20.000	22.204	-11.0	55	0.00
37 M	Trichloroethene	20.000	19.856	0.7	50	0.00
38	Methylcyclohexane	20.000	17.760	11.2	43	0.00
39 M	1,2-Dichloropropane	20.000	22.026	-10.1	54	0.00
40	Dibromomethane	20.000	21.128	-5.6	50	0.00
41 M	Bromodichloromethane	20.000	21.100	-5.5	52	0.00
42 M	Vinyl Acetate	100.000	102.052	-2.1	50	0.00
43	Ethyl Acetate	20.000	18.948	5.3	49	0.00
44	Isopropyl Acetate	20.000	20.206	-1.0	51	0.00
45 T	1,4-Dioxane	400.000	340.492	14.9	41	0.00
46	Methyl methacrylate	20.000	19.712	1.4	50	0.00
47	n-amyl Acetate	20.000	19.720	1.4	51	0.00
48 M	t-1,3-Dichloropropene	20.000	21.767	-8.8	53	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.416	-7.1	53	0.00
50 M	1,1,2-Trichloroethane	20.000	21.093	-5.5	52	0.00
51	Ethyl methacrylate	20.000	18.783	6.1	46	0.00
52	1,3-Dichloropropane	20.000	21.346	-6.7	52	0.00
53 M	Dibromochloromethane	20.000	21.121	-5.6	52	0.00
54 M	1,2-Dibromoethane	20.000	19.894	0.5	48	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.519	-14.5	58	0.00
56 M	Bromoform	20.000	21.482	-7.4	54	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	50	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.151	-1.2	51	0.00
59 M	2-Hexanone	100.000	100.232	-0.2	51	0.00
60 S	4-Bromofluorobenzene	30.000	30.947	-3.2	51	0.00
61 M	Tetrachloroethene	20.000	20.175	-0.9	52	0.00
62 M	Toluene	20.000	20.406	-2.0	51	0.00
63 S	Toluene-d8	30.000	31.036	-3.5	51	0.00
64 M	Chlorobenzene	20.000	20.028	-0.1	50	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.469	-2.3	50	0.00
66 M	Ethyl Benzene	20.000	19.479	2.6	49	0.00
67 M	m/p-Xylenes	40.000	41.118	-2.8	51	0.00
68 M	o-Xylene	20.000	19.769	1.2	50	0.00
69 M	Styrene	20.000	19.794	1.0	50	0.00
70	Isopropylbenzene	20.000	19.349	3.3	48	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.429	-7.1	53	0.00
72	1,2,3-Trichloropropane	20.000	20.986	-4.9	51	0.00
73	Bromobenzene	20.000	21.078	-5.4	53	0.00
74	n-propylbenzene	20.000	19.575	2.1	50	0.00
75	2-Chlorotoluene	20.000	19.989	0.1	50	0.00
76	1,3,5-Trimethylbenzene	20.000	19.517	2.4	48	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.484	-7.4	55	0.00
78	4-Chlorotoluene	20.000	20.255	-1.3	50	0.00
79	tert-butylbenzene	20.000	19.237	3.8	48	0.00
80	1,2,4-Trimethylbenzene	20.000	20.132	-0.7	50	0.00
81	sec-Butylbenzene	20.000	19.187	4.1	48	0.00
82	p-Isopropyltoluene	20.000	18.865	5.7	47	0.00
83 M	1,3-Dichlorobenzene	20.000	21.375	-6.9	54	0.00
84 M	1,4-Dichlorobenzene	20.000	20.996	-5.0	52	0.00
85	n-Butylbenzene	20.000	23.835	-19.2	61	0.00
86 T	Hexachloroethane	20.000	26.552	-32.8#	68	0.00
87 M	1,2-Dichlorobenzene	20.000	28.902	-44.5#	71	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	26.050	-30.3#	69	0.00
89	1,2,4-Trichlorobenzene	20.000	26.982	-34.9#	68	0.00
90	Hexachlorobutadiene	20.000	27.547	-37.7#	70	0.00
91 M	Naphthalene	20.000	25.132	-25.7#	68	0.00
92	1,2,3-Trichlorobenzene	20.000	26.982	-34.9#	68	0.00

(#) = Out of Range

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