

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121924\
 Data File : VN085264.D
 Acq On : 19 Dec 2024 12:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 19 17:11:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	23.141	-15.7	107	0.00
3 M	Chloromethane	20.000	21.706	-8.5	105	0.00
4 M	Vinyl Chloride	20.000	20.487	-2.4	99	0.00
5 M	Bromomethane	20.000	18.551	7.2	91	0.00
6 M	Chloroethane	20.000	20.964	-4.8	102	0.00
7 M	Trichlorofluoromethane	20.000	20.167	-0.8	99	0.00
8 T	Diethyl Ether	20.000	20.282	-1.4	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.165	-0.8	99	0.00
10 M	1,1-Dichloroethene	20.000	18.931	5.3	94	0.00
11	Methyl Iodide	20.000	15.841	20.8	81	0.00
12	Methyl Acetate	20.000	24.870	-24.4	124	0.00
13 M	Acrolein	100.000	77.924	22.1	91	0.00
14 M	Acrylonitrile	100.000	108.692	-8.7	111	0.00
15 M	Acetone	100.000	108.801	-8.8	110	0.00
16 M	Carbon Disulfide	20.000	20.206	-1.0	98	0.00
17	Allyl chloride	20.000	21.445	-7.2	111	0.00
18 M	Methylene Chloride	20.000	20.460	-2.3	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.119	-0.6	101	0.00
20 T	Diisopropyl ether	20.000	23.134	-15.7	111	0.00
21 M	1,1-Dichloroethane	20.000	22.236	-11.2	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.597	2.0	96	0.00
23 M	tert-Butyl Alcohol	100.000	96.455	3.5	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.630	-3.1	103	0.00
25 M	Chloroform	20.000	22.559	-12.8	110	0.00
26	Cyclohexane	20.000	21.072	-5.4	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.999	-16.7	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	23.516	-17.6	107	0.00
30 M	2-Butanone	100.000	125.522	-25.5#	116	0.00
31	2,2-Dichloropropane	20.000	23.070	-15.4	106	0.00
32 M	1,1,1-Trichloroethane	20.000	23.383	-16.9	104	0.00
33 M	Carbon Tetrachloride	20.000	21.833	-9.2	99	0.00
34 M	Benzene	20.000	23.189	-15.9	106	0.00
35	Methacrylonitrile	20.000	25.905	-29.5#	117	0.00
36 M	1,2-Dichloroethane	20.000	25.485	-27.4#	118	0.00
37 M	Trichloroethene	20.000	20.910	-4.6	96	0.00
38	Methylcyclohexane	20.000	20.120	-0.6	99	0.00
39 M	1,2-Dichloropropane	20.000	24.092	-20.5	108	0.00
40	Dibromomethane	20.000	23.432	-17.2	105	0.00
41 M	Bromodichloromethane	20.000	23.472	-17.4	108	0.00
42 M	Vinyl Acetate	100.000	127.786	-27.8#	120	0.00
43	Ethyl Acetate	20.000	27.923	-39.6#	138	0.00
44	Isopropyl Acetate	20.000	25.424	-27.1#	118	0.00
45 T	1,4-Dioxane	400.000	462.379	-15.6	103	0.00
46	Methyl methacrylate	20.000	25.774	-28.9#	119	0.00
47	n-amyl Acetate	20.000	25.363	-26.8#	120	0.00
48 M	t-1,3-Dichloropropene	20.000	22.548	-12.7	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	22.394	-12.0	103	0.00
50 M	1,1,2-Trichloroethane	20.000	22.824	-14.1	103	0.00
51	Ethyl methacrylate	20.000	20.746	-3.7	100	0.00
52	1,3-Dichloropropane	20.000	23.685	-18.4	109	0.00
53 M	Dibromochloromethane	20.000	22.114	-10.6	102	0.00
54 M	1,2-Dibromoethane	20.000	21.991	-10.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	119.165	-19.2	109	0.00
56 M	Bromoform	20.000	20.976	-4.9	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	128.883	-28.9#	119	0.00
59 M	2-Hexanone	100.000	123.815	-23.8	114	0.00
60 S	4-Bromofluorobenzene	30.000	30.538	-1.8	95	0.00
61 M	Tetrachloroethene	20.000	19.600	2.0	93	0.00
62 M	Toluene	20.000	22.292	-11.5	106	0.00
63 S	Toluene-d8	30.000	32.067	-6.9	97	0.00
64 M	Chlorobenzene	20.000	20.459	-2.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.160	-5.8	104	0.00
66 M	Ethyl Benzene	20.000	20.701	-3.5	103	0.00
67 M	m/p-Xylenes	40.000	42.940	-7.3	100	0.00
68 M	o-Xylene	20.000	20.524	-2.6	99	0.00
69 M	Styrene	20.000	21.116	-5.6	102	0.00
70	Isopropylbenzene	20.000	20.346	-1.7	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.131	-15.7	107	0.00
72	1,2,3-Trichloropropane	20.000	22.385	-11.9	102	0.00
73	Bromobenzene	20.000	21.024	-5.1	101	0.00
74	n-propylbenzene	20.000	21.342	-6.7	102	0.00
75	2-Chlorotoluene	20.000	21.399	-7.0	101	0.00
76	1,3,5-Trimethylbenzene	20.000	21.330	-6.6	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.570	-7.9	106	0.00
78	4-Chlorotoluene	20.000	21.432	-7.2	103	0.00
79	tert-butylbenzene	20.000	19.531	2.3	95	0.00
80	1,2,4-Trimethylbenzene	20.000	21.329	-6.6	102	0.00
81	sec-Butylbenzene	20.000	20.764	-3.8	100	0.00
82	p-Isopropyltoluene	20.000	20.880	-4.4	102	0.00
83 M	1,3-Dichlorobenzene	20.000	21.354	-6.8	103	0.00
84 M	1,4-Dichlorobenzene	20.000	20.434	-2.2	100	0.00
85	n-Butylbenzene	20.000	20.452	-2.3	106	0.00
86 T	Hexachloroethane	20.000	22.834	-14.2	111	0.00
87 M	1,2-Dichlorobenzene	20.000	21.589	-7.9	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.783	-18.9	113	0.00
89	1,2,4-Trichlorobenzene	20.000	18.817	5.9	94	0.00
90	Hexachlorobutadiene	20.000	19.400	3.0	94	0.00
91 M	Naphthalene	20.000	18.115	9.4	99	0.00
92	1,2,3-Trichlorobenzene	20.000	18.817	5.9	94	0.00

(#) = Out of Range

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