

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085207.D
 Acq On : 16 Dec 2024 09:42
 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 16 12:21:09 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	21.047	-5.2	109	0.00
3 M	Chloromethane	20.000	20.963	-4.8	114	0.00
4 M	Vinyl Chloride	20.000	20.717	-3.6	112	0.00
5 M	Bromomethane	20.000	20.321	-1.6	112	0.00
6 M	Chloroethane	20.000	21.532	-7.7	118	0.00
7 M	Trichlorofluoromethane	20.000	20.940	-4.7	115	0.00
8 T	Diethyl Ether	20.000	20.165	-0.8	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.159	-0.8	111	0.00
10 M	1,1-Dichloroethene	20.000	20.219	-1.1	113	0.00
11	Methyl Iodide	20.000	17.027	14.9	98	0.00
12	Methyl Acetate	20.000	19.513	2.4	109	0.00
13 M	Acrolein	100.000	75.017	25.0	98	0.00
14 M	Acrylonitrile	100.000	95.305	4.7	109	0.00
15 M	Acetone	100.000	106.386	-6.4	121	0.00
16 M	Carbon Disulfide	20.000	20.161	-0.8	110	0.00
17	Allyl chloride	20.000	20.428	-2.1	119	0.00
18 M	Methylene Chloride	20.000	19.515	2.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.081	-0.4	113	0.00
20 T	Diisopropyl ether	20.000	20.625	-3.1	111	0.00
21 M	1,1-Dichloroethane	20.000	20.207	-1.0	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.511	-2.6	113	-0.01
23 M	tert-Butyl Alcohol	100.000	91.223	8.8	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.480	-2.4	115	0.00
25 M	Chloroform	20.000	20.530	-2.7	112	0.00
26	Cyclohexane	20.000	20.069	-0.3	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.226	-0.8	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	115	0.00
29	1,1-Dichloropropene	20.000	19.254	3.7	111	0.00
30 M	2-Butanone	100.000	94.489	5.5	111	0.00
31	2,2-Dichloropropane	20.000	19.826	0.9	116	0.00
32 M	1,1,1-Trichloroethane	20.000	19.264	3.7	109	0.00
33 M	Carbon Tetrachloride	20.000	18.888	5.6	109	0.00
34 M	Benzene	20.000	19.246	3.8	112	0.00
35	Methacrylonitrile	20.000	18.152	9.2	104	0.00
36 M	1,2-Dichloroethane	20.000	19.368	3.2	114	0.00
37 M	Trichloroethene	20.000	19.949	0.3	116	0.00
38	Methylcyclohexane	20.000	19.000	5.0	119	0.00
39 M	1,2-Dichloropropane	20.000	19.143	4.3	109	0.00
40	Dibromomethane	20.000	19.271	3.6	110	0.00
41 M	Bromodichloromethane	20.000	19.343	3.3	113	0.00
42 M	Vinyl Acetate	100.000	97.906	2.1	117	0.00
43	Ethyl Acetate	20.000	18.066	9.7	113	0.00
44	Isopropyl Acetate	20.000	18.694	6.5	110	0.00
45 T	1,4-Dioxane	400.000	392.939	1.8	112	0.00
46	Methyl methacrylate	20.000	18.632	6.8	109	0.00
47	n-amyl Acetate	20.000	18.361	8.2	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.202	4.0	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.544	2.3	115	0.00
50 M	1,1,2-Trichloroethane	20.000	19.311	3.4	111	0.00
51	Ethyl methacrylate	20.000	18.569	7.2	114	0.00
52	1,3-Dichloropropane	20.000	19.192	4.0	112	0.00
53 M	Dibromochloromethane	20.000	18.970	5.2	111	0.00
54 M	1,2-Dibromoethane	20.000	19.116	4.4	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.348	21.7	91	0.00
56 M	Bromoform	20.000	18.650	6.8	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.560	8.4	102	0.00
59 M	2-Hexanone	100.000	94.267	5.7	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.423	1.9	110	0.00
61 M	Tetrachloroethene	20.000	19.885	0.6	113	0.00
62 M	Toluene	20.000	19.467	2.7	111	0.00
63 S	Toluene-d8	30.000	29.497	1.7	108	0.00
64 M	Chlorobenzene	20.000	19.419	2.9	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.379	3.1	114	0.00
66 M	Ethyl Benzene	20.000	19.728	1.4	118	0.00
67 M	m/p-Xylenes	40.000	39.379	1.6	111	0.00
68 M	o-Xylene	20.000	20.208	-1.0	117	0.00
69 M	Styrene	20.000	19.998	0.0	116	0.00
70	Isopropylbenzene	20.000	20.013	-0.1	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.796	6.0	104	0.00
72	1,2,3-Trichloropropane	20.000	15.346	23.3	84	0.00
73	Bromobenzene	20.000	19.638	1.8	114	0.00
74	n-propylbenzene	20.000	19.456	2.7	112	0.00
75	2-Chlorotoluene	20.000	19.627	1.9	111	0.00
76	1,3,5-Trimethylbenzene	20.000	19.931	0.3	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.888	5.6	112	0.00
78	4-Chlorotoluene	20.000	19.557	2.2	113	0.00
79	tert-butylbenzene	20.000	19.890	0.5	116	0.00
80	1,2,4-Trimethylbenzene	20.000	20.193	-1.0	116	0.00
81	sec-Butylbenzene	20.000	19.466	2.7	113	0.00
82	p-Isopropyltoluene	20.000	19.841	0.8	116	0.00
83 M	1,3-Dichlorobenzene	20.000	19.150	4.3	112	0.00
84 M	1,4-Dichlorobenzene	20.000	19.386	3.1	113	0.00
85	n-Butylbenzene	20.000	19.359	3.2	120	0.00
86 T	Hexachloroethane	20.000	19.297	3.5	112	0.00
87 M	1,2-Dichlorobenzene	20.000	19.338	3.3	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.026	14.9	97	0.00
89	1,2,4-Trichlorobenzene	20.000	19.190	4.0	116	0.00
90	Hexachlorobutadiene	20.000	19.995	0.0	117	0.00
91 M	Naphthalene	20.000	18.602	7.0	123	0.00
92	1,2,3-Trichlorobenzene	20.000	19.190	4.0	116	0.00

(#) = Out of Range

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