

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084867.D
 Acq On : 15 Nov 2024 13:49
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 15 22:22:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.205	9.0	81	0.00
3 M	Chloromethane	20.000	19.714	1.4	89	0.00
4 M	Vinyl Chloride	20.000	20.709	-3.5	92	0.00
5 M	Bromomethane	20.000	22.048	-10.2	94	0.00
6 M	Chloroethane	20.000	20.777	-3.9	92	0.01
7 M	Trichlorofluoromethane	20.000	19.056	4.7	84	0.00
8 T	Diethyl Ether	20.000	18.093	9.5	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.418	12.9	75	0.00
10 M	1,1-Dichloroethene	20.000	17.328	13.4	77	0.00
11	Methyl Iodide	20.000	19.477	2.6	87	0.00
12	Methyl Acetate	20.000	16.231	18.8	77	0.00
13 M	Acrolein	100.000	99.945	0.1	90	0.00
14 M	Acrylonitrile	100.000	94.441	5.6	87	0.00
15 M	Acetone	100.000	96.356	3.6	88	0.00
16 M	Carbon Disulfide	20.000	16.663	16.7	74	0.00
17	Allyl chloride	20.000	15.386	23.1	69	0.00
18 M	Methylene Chloride	20.000	18.583	7.1	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.483	12.6	79	0.00
20 T	Diisopropyl ether	20.000	18.098	9.5	80	0.00
21 M	1,1-Dichloroethane	20.000	18.225	8.9	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.722	11.4	81	0.00
23 M	tert-Butyl Alcohol	100.000	84.928	15.1	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.889	5.6	86	0.00
25 M	Chloroform	20.000	18.560	7.2	81	0.00
26	Cyclohexane	20.000	15.636	21.8	71	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.125	-0.4	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	17.962	10.2	73	0.00
30 M	2-Butanone	100.000	105.453	-5.5	89	0.00
31	2,2-Dichloropropane	20.000	19.395	3.0	77	0.00
32 M	1,1,1-Trichloroethane	20.000	19.627	1.9	78	0.00
33 M	Carbon Tetrachloride	20.000	19.920	0.4	81	0.00
34 M	Benzene	20.000	19.530	2.3	80	0.00
35	Methacrylonitrile	20.000	20.042	-0.2	84	0.00
36 M	1,2-Dichloroethane	20.000	21.236	-6.2	84	0.00
37 M	Trichloroethene	20.000	18.613	6.9	75	0.00
38	Methylcyclohexane	20.000	16.448	17.8	70	0.00
39 M	1,2-Dichloropropane	20.000	20.098	-0.5	81	0.00
40	Dibromomethane	20.000	20.982	-4.9	84	0.00
41 M	Bromodichloromethane	20.000	19.780	1.1	81	0.00
42 M	Vinyl Acetate	100.000	94.802	5.2	79	0.00
43	Ethyl Acetate	20.000	20.598	-3.0	88	0.00
44	Isopropyl Acetate	20.000	17.924	10.4	79	0.00
45 T	1,4-Dioxane	400.000	408.313	-2.1	85	0.00
46	Methyl methacrylate	20.000	18.508	7.5	79	0.00
47	n-amyl Acetate	20.000	18.279	8.6	76	0.00
48 M	t-1,3-Dichloropropene	20.000	18.453	7.7	78	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.425	2.9	80	0.00
50 M	1,1,2-Trichloroethane	20.000	20.943	-4.7	84	0.00
51	Ethyl methacrylate	20.000	18.869	5.7	81	0.00
52	1,3-Dichloropropane	20.000	20.674	-3.4	83	0.00
53 M	Dibromochloromethane	20.000	20.855	-4.3	86	0.00
54 M	1,2-Dibromoethane	20.000	21.029	-5.1	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.755	-5.8	85	0.00
56 M	Bromoform	20.000	20.524	-2.6	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.208	-6.2	86	0.00
59 M	2-Hexanone	100.000	104.883	-4.9	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.459	-1.5	87	0.00
61 M	Tetrachloroethene	20.000	19.746	1.3	79	0.00
62 M	Toluene	20.000	19.481	2.6	79	0.00
63 S	Toluene-d8	30.000	30.371	-1.2	84	0.00
64 M	Chlorobenzene	20.000	19.855	0.7	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.682	-3.4	83	0.00
66 M	Ethyl Benzene	20.000	18.144	9.3	75	0.00
67 M	m/p-Xylenes	40.000	37.941	5.1	77	0.00
68 M	o-Xylene	20.000	18.962	5.2	77	0.00
69 M	Styrene	20.000	19.206	4.0	79	0.00
70	Isopropylbenzene	20.000	18.649	6.8	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.003	-10.0	87	0.00
72	1,2,3-Trichloropropane	20.000	23.507	-17.5	86	0.00
73	Bromobenzene	20.000	19.545	2.3	79	0.00
74	n-propylbenzene	20.000	18.570	7.1	77	0.00
75	2-Chlorotoluene	20.000	18.470	7.7	76	0.00
76	1,3,5-Trimethylbenzene	20.000	19.266	3.7	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.504	2.5	80	0.00
78	4-Chlorotoluene	20.000	18.342	8.3	75	0.00
79	tert-butylbenzene	20.000	18.630	6.9	80	0.00
80	1,2,4-Trimethylbenzene	20.000	19.231	3.8	79	0.00
81	sec-Butylbenzene	20.000	18.262	8.7	77	0.00
82	p-Isopropyltoluene	20.000	18.229	8.9	77	0.00
83 M	1,3-Dichlorobenzene	20.000	19.031	4.8	77	0.00
84 M	1,4-Dichlorobenzene	20.000	18.520	7.4	77	0.00
85	n-Butylbenzene	20.000	16.355	18.2	73	0.00
86 T	Hexachloroethane	20.000	18.750	6.3	76	0.00
87 M	1,2-Dichlorobenzene	20.000	19.403	3.0	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.435	-2.2	82	0.00
89	1,2,4-Trichlorobenzene	20.000	17.939	10.3	74	0.00
90	Hexachlorobutadiene	20.000	20.439	-2.2	84	0.00
91 M	Naphthalene	20.000	17.460	12.7	79	0.00
92	1,2,3-Trichlorobenzene	20.000	17.939	10.3	74	0.00

(#) = Out of Range

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