

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085022.D
 Acq On : 25 Nov 2024 10:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 25 15:13:15 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	21.373	-6.9	92	0.00
3 M	Chloromethane	20.000	18.980	5.1	83	0.00
4 M	Vinyl Chloride	20.000	19.548	2.3	84	0.00
5 M	Bromomethane	20.000	20.423	-2.1	84	0.00
6 M	Chloroethane	20.000	21.786	-8.9	94	0.02
7 M	Trichlorofluoromethane	20.000	20.958	-4.8	89	0.01
8 T	Diethyl Ether	20.000	19.406	3.0	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.317	-6.6	89	0.00
10 M	1,1-Dichloroethene	20.000	19.681	1.6	85	0.00
11	Methyl Iodide	20.000	20.766	-3.8	90	0.00
12	Methyl Acetate	20.000	16.313	18.4	75	0.00
13 M	Acrolein	100.000	94.498	5.5	82	0.00
14 M	Acrylonitrile	100.000	93.532	6.5	84	0.00
15 M	Acetone	100.000	99.303	0.7	88	0.00
16 M	Carbon Disulfide	20.000	18.789	6.1	82	0.00
17	Allyl chloride	20.000	17.846	10.8	78	0.01
18 M	Methylene Chloride	20.000	19.739	1.3	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.840	5.8	82	0.00
20 T	Diisopropyl ether	20.000	19.291	3.5	83	0.00
21 M	1,1-Dichloroethane	20.000	19.748	1.3	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.861	5.7	84	0.00
23 M	tert-Butyl Alcohol	100.000	89.521	10.5	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.092	4.5	84	0.00
25 M	Chloroform	20.000	19.871	0.6	85	0.00
26	Cyclohexane	20.000	20.017	-0.1	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.516	-1.7	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	19.929	0.4	85	0.00
30 M	2-Butanone	100.000	95.076	4.9	84	0.00
31	2,2-Dichloropropane	20.000	21.443	-7.2	89	0.00
32 M	1,1,1-Trichloroethane	20.000	20.441	-2.2	86	0.00
33 M	Carbon Tetrachloride	20.000	20.751	-3.8	89	0.00
34 M	Benzene	20.000	19.687	1.6	85	0.00
35	Methacrylonitrile	20.000	19.376	3.1	86	0.00
36 M	1,2-Dichloroethane	20.000	20.307	-1.5	85	0.00
37 M	Trichloroethene	20.000	19.904	0.5	84	0.00
38	Methylcyclohexane	20.000	19.588	2.1	88	0.00
39 M	1,2-Dichloropropane	20.000	19.889	0.6	85	0.00
40	Dibromomethane	20.000	19.451	2.7	82	0.00
41 M	Bromodichloromethane	20.000	19.794	1.0	86	0.00
42 M	Vinyl Acetate	100.000	95.607	4.4	84	0.00
43	Ethyl Acetate	20.000	18.668	6.7	84	0.00
44	Isopropyl Acetate	20.000	15.935	20.3	74	0.00
45 T	1,4-Dioxane	400.000	386.000	3.5	84	0.00
46	Methyl methacrylate	20.000	17.523	12.4	79	0.00
47	n-amyl Acetate	20.000	16.976	15.1	74	0.00
48 M	t-1,3-Dichloropropene	20.000	18.739	6.3	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.667	1.7	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.079	-0.4	84	0.00
51	Ethyl methacrylate	20.000	18.209	9.0	83	0.00
52	1,3-Dichloropropane	20.000	19.520	2.4	83	0.00
53 M	Dibromochloromethane	20.000	19.882	0.6	86	0.00
54 M	1,2-Dibromoethane	20.000	19.727	1.4	83	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.467	20.5	67	0.00
56 M	Bromoform	20.000	19.518	2.4	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.348	8.7	81	0.00
59 M	2-Hexanone	100.000	92.511	7.5	83	0.00
60 S	4-Bromofluorobenzene	30.000	31.002	-3.3	96	0.00
61 M	Tetrachloroethene	20.000	20.136	-0.7	87	0.00
62 M	Toluene	20.000	19.201	4.0	84	0.00
63 S	Toluene-d8	30.000	29.773	0.8	89	0.00
64 M	Chlorobenzene	20.000	19.325	3.4	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.231	-1.2	88	0.00
66 M	Ethyl Benzene	20.000	18.700	6.5	84	0.00
67 M	m/p-Xylenes	40.000	38.640	3.4	85	0.00
68 M	o-Xylene	20.000	18.569	7.2	81	0.00
69 M	Styrene	20.000	18.805	6.0	84	0.00
70	Isopropylbenzene	20.000	19.240	3.8	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.124	4.4	82	0.00
72	1,2,3-Trichloropropane	20.000	20.702	-3.5	82	0.00
73	Bromobenzene	20.000	19.816	0.9	87	0.00
74	n-propylbenzene	20.000	19.317	3.4	87	0.00
75	2-Chlorotoluene	20.000	19.597	2.0	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.552	2.2	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.257	8.7	82	0.00
78	4-Chlorotoluene	20.000	18.777	6.1	84	0.00
79	tert-butylbenzene	20.000	19.414	2.9	90	0.00
80	1,2,4-Trimethylbenzene	20.000	19.866	0.7	89	0.00
81	sec-Butylbenzene	20.000	19.626	1.9	90	0.00
82	p-Isopropyltoluene	20.000	19.746	1.3	91	0.00
83 M	1,3-Dichlorobenzene	20.000	19.105	4.5	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.571	7.1	84	0.00
85	n-Butylbenzene	20.000	18.893	5.5	91	0.00
86 T	Hexachloroethane	20.000	19.707	1.5	87	0.00
87 M	1,2-Dichlorobenzene	20.000	18.950	5.3	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.790	6.1	82	0.00
89	1,2,4-Trichlorobenzene	20.000	17.910	10.4	81	0.00
90	Hexachlorobutadiene	20.000	22.206	-11.0	99	0.00
91 M	Naphthalene	20.000	16.046	19.8	78	0.00
92	1,2,3-Trichlorobenzene	20.000	17.910	10.4	81	0.00

(#) = Out of Range

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