

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082015.D
 Acq On : 07 May 2024 09:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 08 07:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	17.666	11.7	71	0.00
3 M	Chloromethane	20.000	19.222	3.9	79	0.00
4 M	Vinyl Chloride	20.000	19.180	4.1	79	0.00
5 M	Bromomethane	20.000	16.912	15.4	67	0.00
6 M	Chloroethane	20.000	22.013	-10.1	87	0.00
7 M	Trichlorofluoromethane	20.000	18.103	9.5	72	0.00
8 T	Diethyl Ether	20.000	18.818	5.9	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.856	10.7	70	0.01
10 M	1,1-Dichloroethene	20.000	18.328	8.4	75	0.00
11	Methyl Iodide	20.000	15.899	20.5	73	0.00
12	Methyl Acetate	20.000	21.819	-9.1	89	0.00
13 M	Acrolein	100.000	66.815	33.2#	56	0.00
14 M	Acrylonitrile	100.000	100.164	-0.2	80	0.00
15 M	Acetone	100.000	98.384	1.6	77	0.00
16 M	Carbon Disulfide	20.000	16.712	16.4	70	0.00
17	Allyl chloride	20.000	18.279	8.6	71	0.00
18 M	Methylene Chloride	20.000	19.539	2.3	81	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.529	7.4	78	-0.02
20 T	Diisopropyl ether	20.000	19.862	0.7	80	0.00
21 M	1,1-Dichloroethane	20.000	20.321	-1.6	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.343	3.3	80	0.00
23 M	tert-Butyl Alcohol	100.000	88.792	11.2	68	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.079	4.6	75	0.00
25 M	Chloroform	20.000	19.219	3.9	77	0.00
26	Cyclohexane	20.000	18.460	7.7	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.891	-3.0	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	18.870	5.6	76	0.00
30 M	2-Butanone	100.000	97.496	2.5	77	0.00
31	2,2-Dichloropropane	20.000	22.263	-11.3	92	0.00
32 M	1,1,1-Trichloroethane	20.000	18.784	6.1	75	0.00
33 M	Carbon Tetrachloride	20.000	18.220	8.9	73	0.00
34 M	Benzene	20.000	20.251	-1.3	80	0.00
35	Methacrylonitrile	20.000	18.443	7.8	75	0.00
36 M	1,2-Dichloroethane	20.000	19.231	3.8	78	0.00
37 M	Trichloroethene	20.000	15.832	20.8	64	0.00
38	Methylcyclohexane	20.000	18.866	5.7	76	0.00
39 M	1,2-Dichloropropane	20.000	20.848	-4.2	87	0.00
40	Dibromomethane	20.000	20.307	-1.5	84	0.00
41 M	Bromodichloromethane	20.000	19.463	2.7	80	0.00
42 M	Vinyl Acetate	100.000	95.027	5.0	78	0.00
43	Ethyl Acetate	20.000	19.388	3.1	80	0.01
44	Isopropyl Acetate	20.000	19.341	3.3	78	0.00
45 T	1,4-Dioxane	400.000	369.693	7.6	74	0.00
46	Methyl methacrylate	20.000	19.270	3.7	78	0.00
47	n-amyl Acetate	20.000	19.050	4.7	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.703	6.5	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.878	0.6	81	0.00
50 M	1,1,2-Trichloroethane	20.000	20.767	-3.8	83	0.00
51	Ethyl methacrylate	20.000	19.094	4.5	78	0.00
52	1,3-Dichloropropane	20.000	20.235	-1.2	82	0.00
53 M	Dibromochloromethane	20.000	18.579	7.1	78	0.00
54 M	1,2-Dibromoethane	20.000	19.174	4.1	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.616	-6.6	85	0.00
56 M	Bromoform	20.000	17.212	13.9	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.514	4.5	78	0.00
59 M	2-Hexanone	100.000	95.478	4.5	78	0.00
60 S	4-Bromofluorobenzene	30.000	27.838	7.2	79	0.00
61 M	Tetrachloroethene	20.000	16.077	19.6	64	0.00
62 M	Toluene	20.000	19.172	4.1	79	0.00
63 S	Toluene-d8	30.000	30.110	-0.4	83	0.00
64 M	Chlorobenzene	20.000	18.635	6.8	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.087	9.6	74	0.00
66 M	Ethyl Benzene	20.000	18.910	5.4	76	0.00
67 M	m/p-Xylenes	40.000	37.066	7.3	76	0.00
68 M	o-Xylene	20.000	18.774	6.1	75	0.00
69 M	Styrene	20.000	18.148	9.3	75	0.00
70	Isopropylbenzene	20.000	18.144	9.3	73	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.130	-0.6	80	0.00
72	1,2,3-Trichloropropane	20.000	19.817	0.9	83	0.00
73	Bromobenzene	20.000	17.773	11.1	75	0.00
74	n-propylbenzene	20.000	19.010	4.9	77	0.00
75	2-Chlorotoluene	20.000	18.546	7.3	76	0.00
76	1,3,5-Trimethylbenzene	20.000	18.533	7.3	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.293	3.5	81	0.00
78	4-Chlorotoluene	20.000	18.515	7.4	77	0.00
79	tert-butylbenzene	20.000	18.051	9.7	73	0.00
80	1,2,4-Trimethylbenzene	20.000	18.504	7.5	77	0.00
81	sec-Butylbenzene	20.000	19.001	5.0	78	0.00
82	p-Isopropyltoluene	20.000	18.533	7.3	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.472	7.6	75	0.00
84 M	1,4-Dichlorobenzene	20.000	18.159	9.2	75	0.00
85	n-Butylbenzene	20.000	18.641	6.8	79	0.00
86 T	Hexachloroethane	20.000	17.960	10.2	73	0.00
87 M	1,2-Dichlorobenzene	20.000	18.426	7.9	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.358	13.2	68	0.00
89	1,2,4-Trichlorobenzene	20.000	15.827	20.9	66	0.00
90	Hexachlorobutadiene	20.000	15.016	24.9	65	0.00
91 M	Naphthalene	20.000	16.575	17.1	68	0.00
92	1,2,3-Trichlorobenzene	20.000	15.827	20.9	66	0.00

(#) = Out of Range

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