

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041577.D
 Acq On : 21 May 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 22 02:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	20.382	-1.9	114	0.00
3 M	Chloromethane	20.000	19.000	5.0	99	0.00
4 M	Vinyl Chloride	20.000	19.129	4.4	101	0.00
5 M	Bromomethane	20.000	17.453	12.7	96	0.00
6 M	Chloroethane	20.000	22.657	-13.3	122	0.00
7 M	Trichlorofluoromethane	20.000	20.330	-1.6	106	0.00
8 T	Diethyl Ether	20.000	19.781	1.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.762	-8.8	106	0.00
10 M	1,1-Dichloroethene	20.000	20.977	-4.9	102	0.00
11	Methyl Iodide	20.000	16.932	15.3	89	0.00
12	Methyl Acetate	20.000	20.834	-4.2	108	0.00
13 M	Acrolein	100.000	117.448	-17.4	119	0.00
14 M	Acrylonitrile	100.000	98.422	1.6	106	0.00
15 M	Acetone	100.000	131.867	-31.9#	130	0.00
16 M	Carbon Disulfide	20.000	20.120	-0.6	111	0.00
17	Allyl chloride	20.000	20.766	-3.8	108	0.00
18 M	Methylene Chloride	20.000	20.256	-1.3	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.792	6.0	100	0.00
20 T	Diisopropyl ether	20.000	19.595	2.0	103	0.00
21 M	1,1-Dichloroethane	20.000	19.427	2.9	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.640	6.8	101	-0.01
23 M	tert-Butyl Alcohol	100.000	95.278	4.7	102	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.962	5.2	102	0.00
25 M	Chloroform	20.000	19.425	2.9	103	0.00
26	Cyclohexane	20.000	19.504	2.5	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.663	-2.2	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	-0.01
29	1,1-Dichloropropene	20.000	19.794	1.0	104	0.00
30 M	2-Butanone	100.000	106.045	-6.0	111	-0.01
31	2,2-Dichloropropane	20.000	20.045	-0.2	105	0.00
32 M	1,1,1-Trichloroethane	20.000	19.879	0.6	105	0.00
33 M	Carbon Tetrachloride	20.000	20.331	-1.7	108	-0.01
34 M	Benzene	20.000	19.576	2.1	101	-0.01
35	Methacrylonitrile	20.000	19.914	0.4	104	-0.02
36 M	1,2-Dichloroethane	20.000	19.949	0.3	103	0.00
37 M	Trichloroethene	20.000	19.130	4.4	100	0.00
38	Methylcyclohexane	20.000	19.528	2.4	102	0.00
39 M	1,2-Dichloropropane	20.000	20.137	-0.7	103	-0.01
40	Dibromomethane	20.000	19.743	1.3	105	0.00
41 M	Bromodichloromethane	20.000	20.256	-1.3	110	0.00
42 M	Vinyl Acetate	100.000	98.268	1.7	103	0.00
43	Ethyl Acetate	20.000	19.146	4.3	100	-0.01
44	Isopropyl Acetate	20.000	19.621	1.9	104	0.00
45 T	1,4-Dioxane	400.000	363.955	9.0	93	0.00
46	Methyl methacrylate	20.000	19.499	2.5	104	0.00
47	n-amyl Acetate	20.000	19.249	3.8	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.380	3.1	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.929	0.4	109	0.00
50 M	1,1,2-Trichloroethane	20.000	19.727	1.4	104	0.00
51	Ethyl methacrylate	20.000	18.775	6.1	102	0.00
52	1,3-Dichloropropane	20.000	19.790	1.1	102	0.00
53 M	Dibromochloromethane	20.000	20.173	-0.9	112	0.00
54 M	1,2-Dibromoethane	20.000	19.916	0.4	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.508	0.5	102	0.00
56 M	Bromoform	20.000	20.134	-0.7	117	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.986	0.0	103	0.00
59 M	2-Hexanone	100.000	102.548	-2.5	109	0.00
60 S	4-Bromofluorobenzene	30.000	30.774	-2.6	104	0.00
61 M	Tetrachloroethene	20.000	19.382	3.1	103	0.00
62 M	Toluene	20.000	19.523	2.4	102	0.00
63 S	Toluene-d8	30.000	29.615	1.3	101	0.00
64 M	Chlorobenzene	20.000	19.446	2.8	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.944	0.3	108	0.00
66 M	Ethyl Benzene	20.000	19.685	1.6	104	0.00
67 M	m/p-Xylenes	40.000	39.883	0.3	102	0.00
68 M	o-Xylene	20.000	19.606	2.0	105	0.00
69 M	Styrene	20.000	19.654	1.7	105	0.00
70	Isopropylbenzene	20.000	20.069	-0.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.044	-0.2	106	0.00
72	1,2,3-Trichloropropane	20.000	18.154	9.2	95	0.00
73	Bromobenzene	20.000	18.882	5.6	101	0.00
74	n-propylbenzene	20.000	20.218	-1.1	107	0.00
75	2-Chlorotoluene	20.000	20.195	-1.0	106	0.00
76	1,3,5-Trimethylbenzene	20.000	19.934	0.3	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.857	5.7	109	0.00
78	4-Chlorotoluene	20.000	19.725	1.4	104	0.00
79	tert-butylbenzene	20.000	19.625	1.9	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.929	0.4	104	0.00
81	sec-Butylbenzene	20.000	19.968	0.2	106	0.00
82	p-Isopropyltoluene	20.000	20.005	-0.0	107	0.00
83 M	1,3-Dichlorobenzene	20.000	19.750	1.3	107	0.00
84 M	1,4-Dichlorobenzene	20.000	19.647	1.8	106	0.00
85	n-Butylbenzene	20.000	19.815	0.9	111	0.00
86 T	Hexachloroethane	20.000	19.445	2.8	111	0.00
87 M	1,2-Dichlorobenzene	20.000	19.707	1.5	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.853	0.7	110	0.00
89	1,2,4-Trichlorobenzene	20.000	19.781	1.1	109	0.00
90	Hexachlorobutadiene	20.000	20.354	-1.8	110	0.00
91 M	Naphthalene	20.000	19.516	2.4	106	0.00
92	1,2,3-Trichlorobenzene	20.000	19.776	1.1	106	0.00

(#) = Out of Range

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