

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041614.D
 Acq On : 23 May 2024 08:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 24 05:29:56 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.009	5.0	108	0.00
3 M	Chloromethane	20.000	18.363	8.2	97	0.00
4 M	Vinyl Chloride	20.000	18.069	9.7	97	0.00
5 M	Bromomethane	20.000	18.407	8.0	102	0.00
6 M	Chloroethane	20.000	24.889	-24.4	135	0.00
7 M	Trichlorofluoromethane	20.000	21.442	-7.2	113	0.00
8 T	Diethyl Ether	20.000	21.490	-7.4	119	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.622	-3.1	102	0.00
10 M	1,1-Dichloroethene	20.000	19.622	1.9	97	0.00
11	Methyl Iodide	20.000	20.543	-2.7	110	0.00
12	Methyl Acetate	20.000	20.760	-3.8	109	0.00
13 M	Acrolein	100.000	92.257	7.7	94	0.00
14 M	Acrylonitrile	100.000	96.245	3.8	105	0.00
15 M	Acetone	100.000	132.123	-32.1#	132	0.00
16 M	Carbon Disulfide	20.000	17.831	10.8	100	0.00
17	Allyl chloride	20.000	19.417	2.9	102	0.00
18 M	Methylene Chloride	20.000	19.717	1.4	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.888	10.6	96	0.00
20 T	Diisopropyl ether	20.000	18.761	6.2	100	0.00
21 M	1,1-Dichloroethane	20.000	18.601	7.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.819	10.9	98	0.00
23 M	tert-Butyl Alcohol	100.000	101.162	-1.2	110	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.360	8.2	100	0.00
25 M	Chloroform	20.000	18.919	5.4	102	0.00
26	Cyclohexane	20.000	18.051	9.7	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.864	0.5	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.045	4.8	100	0.00
30 M	2-Butanone	100.000	106.610	-6.6	111	0.00
31	2,2-Dichloropropane	20.000	18.890	5.5	98	0.00
32 M	1,1,1-Trichloroethane	20.000	19.169	4.2	101	0.00
33 M	Carbon Tetrachloride	20.000	19.426	2.9	103	0.00
34 M	Benzene	20.000	19.029	4.9	98	0.00
35	Methacrylonitrile	20.000	20.393	-2.0	106	-0.01
36 M	1,2-Dichloroethane	20.000	19.891	0.5	103	0.00
37 M	Trichloroethene	20.000	18.817	5.9	98	0.00
38	Methylcyclohexane	20.000	18.568	7.2	97	0.00
39 M	1,2-Dichloropropane	20.000	18.792	6.0	96	0.00
40	Dibromomethane	20.000	19.738	1.3	105	0.00
41 M	Bromodichloromethane	20.000	19.568	2.2	106	0.00
42 M	Vinyl Acetate	100.000	95.594	4.4	100	0.00
43	Ethyl Acetate	20.000	18.177	9.1	95	0.00
44	Isopropyl Acetate	20.000	19.792	1.0	105	0.00
45 T	1,4-Dioxane	400.000	370.471	7.4	95	0.00
46	Methyl methacrylate	20.000	19.530	2.3	104	0.00
47	n-amyl Acetate	20.000	18.741	6.3	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.508	7.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.150	4.3	104	0.00
50 M	1,1,2-Trichloroethane	20.000	20.044	-0.2	105	0.00
51	Ethyl methacrylate	20.000	18.855	5.7	102	0.00
52	1,3-Dichloropropane	20.000	19.655	1.7	101	0.00
53 M	Dibromochloromethane	20.000	19.638	1.8	108	0.00
54 M	1,2-Dibromoethane	20.000	19.771	1.1	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.225	-2.2	105	0.00
56 M	Bromoform	20.000	19.173	4.1	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.090	-4.1	104	0.00
59 M	2-Hexanone	100.000	104.882	-4.9	108	0.00
60 S	4-Bromofluorobenzene	30.000	31.136	-3.8	103	0.00
61 M	Tetrachloroethene	20.000	19.398	3.0	100	0.00
62 M	Toluene	20.000	19.708	1.5	100	0.00
63 S	Toluene-d8	30.000	30.697	-2.3	102	0.00
64 M	Chlorobenzene	20.000	19.847	0.8	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.971	0.1	105	0.00
66 M	Ethyl Benzene	20.000	19.433	2.8	99	0.00
67 M	m/p-Xylenes	40.000	40.233	-0.6	100	0.00
68 M	o-Xylene	20.000	19.797	1.0	102	0.00
69 M	Styrene	20.000	19.669	1.7	103	0.00
70	Isopropylbenzene	20.000	20.319	-1.6	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.122	-0.6	103	0.00
72	1,2,3-Trichloropropane	20.000	18.714	6.4	95	0.00
73	Bromobenzene	20.000	19.612	1.9	102	0.00
74	n-propylbenzene	20.000	20.001	-0.0	103	0.00
75	2-Chlorotoluene	20.000	19.960	0.2	102	0.00
76	1,3,5-Trimethylbenzene	20.000	19.599	2.0	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.219	3.9	107	0.00
78	4-Chlorotoluene	20.000	19.944	0.3	102	0.00
79	tert-butylbenzene	20.000	20.002	-0.0	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.544	2.3	99	0.00
81	sec-Butylbenzene	20.000	20.011	-0.1	103	0.00
82	p-Isopropyltoluene	20.000	19.665	1.7	102	0.00
83 M	1,3-Dichlorobenzene	20.000	19.398	3.0	102	0.00
84 M	1,4-Dichlorobenzene	20.000	19.310	3.5	101	0.00
85	n-Butylbenzene	20.000	19.172	4.1	104	0.00
86 T	Hexachloroethane	20.000	19.652	1.7	109	0.00
87 M	1,2-Dichlorobenzene	20.000	19.531	2.3	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.620	1.9	105	0.00
89	1,2,4-Trichlorobenzene	20.000	18.948	5.3	102	0.00
90	Hexachlorobutadiene	20.000	19.646	1.8	103	0.00
91 M	Naphthalene	20.000	19.352	3.2	102	0.00
92	1,2,3-Trichlorobenzene	20.000	19.454	2.7	101	0.00

(#) = Out of Range

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