

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040832.D
 Acq On : 29 Mar 2024 09:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 22:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	22.253	-11.3	124	0.00
3 M	Chloromethane	20.000	21.544	-7.7	123	0.00
4 M	Vinyl Chloride	20.000	22.718	-13.6	131	0.00
5 M	Bromomethane	20.000	26.187	-30.9#	129	0.00
6 M	Chloroethane	20.000	22.585	-12.9	124	0.00
7 M	Trichlorofluoromethane	20.000	20.642	-3.2	117	0.00
8 T	Diethyl Ether	20.000	20.231	-1.2	114	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.123	-10.6	124	0.00
10 M	1,1-Dichloroethene	20.000	21.823	-9.1	123	0.00
11	Methyl Iodide	20.000	21.819	-9.1	120	0.00
12	Methyl Acetate	20.000	19.725	1.4	110	0.00
13 M	Acrolein	100.000	95.902	4.1	124	0.00
14 M	Acrylonitrile	100.000	102.821	-2.8	115	0.00
15 M	Acetone	100.000	97.155	2.8	102	0.00
16 M	Carbon Disulfide	20.000	21.790	-8.9	124	0.00
17	Allyl chloride	20.000	20.788	-3.9	120	0.00
18 M	Methylene Chloride	20.000	21.476	-7.4	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.536	-7.7	122	0.00
20 T	Diisopropyl ether	20.000	21.101	-5.5	121	0.00
21 M	1,1-Dichloroethane	20.000	21.544	-7.7	123	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.012	-5.1	116	0.00
23 M	tert-Butyl Alcohol	100.000	99.047	1.0	116	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.081	-5.4	116	0.00
25 M	Chloroform	20.000	21.802	-9.0	121	0.00
26	Cyclohexane	20.000	21.910	-9.6	122	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.048	-3.5	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	115	0.00
29	1,1-Dichloropropene	20.000	21.398	-7.0	124	0.00
30 M	2-Butanone	100.000	100.504	-0.5	114	-0.01
31	2,2-Dichloropropane	20.000	21.374	-6.9	125	0.00
32 M	1,1,1-Trichloroethane	20.000	20.700	-3.5	120	0.00
33 M	Carbon Tetrachloride	20.000	21.202	-6.0	121	0.00
34 M	Benzene	20.000	20.652	-3.3	117	0.00
35	Methacrylonitrile	20.000	19.742	1.3	112	0.00
36 M	1,2-Dichloroethane	20.000	20.182	-0.9	116	0.00
37 M	Trichloroethene	20.000	19.861	0.7	117	0.00
38	Methylcyclohexane	20.000	20.862	-4.3	126	0.00
39 M	1,2-Dichloropropane	20.000	20.471	-2.4	122	0.00
40	Dibromomethane	20.000	20.994	-5.0	124	0.00
41 M	Bromodichloromethane	20.000	21.108	-5.5	127	0.00
42 M	Vinyl Acetate	100.000	102.129	-2.1	118	0.00
43	Ethyl Acetate	20.000	20.218	-1.1	113	0.00
44	Isopropyl Acetate	20.000	20.033	-0.2	116	-0.01
45 T	1,4-Dioxane	400.000	395.765	1.1	116	0.00
46	Methyl methacrylate	20.000	20.819	-4.1	125	0.00
47	n-amyl Acetate	20.000	19.227	3.9	120	0.00
48 M	t-1,3-Dichloropropene	20.000	19.853	0.7	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.402	-7.0	132	0.00
50 M	1,1,2-Trichloroethane	20.000	20.423	-2.1	120	0.00
51	Ethyl methacrylate	20.000	19.360	3.2	120	0.00
52	1,3-Dichloropropane	20.000	19.833	0.8	118	0.00
53 M	Dibromochloromethane	20.000	20.553	-2.8	123	0.00
54 M	1,2-Dibromoethane	20.000	19.768	1.2	118	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.371	16.6	102	0.00
56 M	Bromoform	20.000	20.583	-2.9	131	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.704	-7.7	122	0.00
59 M	2-Hexanone	100.000	100.558	-0.6	111	0.00
60 S	4-Bromofluorobenzene	30.000	28.964	3.5	109	0.00
61 M	Tetrachloroethene	20.000	20.785	-3.9	119	0.00
62 M	Toluene	20.000	22.657	-13.3	127	0.00
63 S	Toluene-d8	30.000	31.180	-3.9	114	0.00
64 M	Chlorobenzene	20.000	21.613	-8.1	121	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.691	-8.5	121	0.00
66 M	Ethyl Benzene	20.000	21.590	-7.9	120	0.00
67 M	m/p-Xylenes	40.000	42.630	-6.6	118	0.00
68 M	o-Xylene	20.000	20.993	-5.0	120	0.00
69 M	Styrene	20.000	20.974	-4.9	121	0.00
70	Isopropylbenzene	20.000	20.921	-4.6	122	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.544	-2.7	117	0.00
72	1,2,3-Trichloropropane	20.000	21.130	-5.6	121	0.00
73	Bromobenzene	20.000	21.370	-6.9	119	0.00
74	n-propylbenzene	20.000	21.371	-6.9	121	0.00
75	2-Chlorotoluene	20.000	21.321	-6.6	119	0.00
76	1,3,5-Trimethylbenzene	20.000	22.053	-10.3	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.564	7.2	114	0.00
78	4-Chlorotoluene	20.000	22.191	-11.0	125	0.00
79	tert-butylbenzene	20.000	22.073	-10.4	122	0.00
80	1,2,4-Trimethylbenzene	20.000	21.145	-5.7	118	0.00
81	sec-Butylbenzene	20.000	21.382	-6.9	120	0.00
82	p-Isopropyltoluene	20.000	21.795	-9.0	123	0.00
83 M	1,3-Dichlorobenzene	20.000	21.665	-8.3	121	0.00
84 M	1,4-Dichlorobenzene	20.000	21.243	-6.2	119	0.00
85	n-Butylbenzene	20.000	21.625	-8.1	125	0.00
86 T	Hexachloroethane	20.000	20.031	-0.2	116	0.00
87 M	1,2-Dichlorobenzene	20.000	21.346	-6.7	121	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.162	-0.8	110	0.00
89	1,2,4-Trichlorobenzene	20.000	21.501	-7.5	124	0.00
90	Hexachlorobutadiene	20.000	23.591	-18.0	133	0.00
91 M	Naphthalene	20.000	21.520	-7.6	124	0.00
92	1,2,3-Trichlorobenzene	20.000	22.115	-10.6	125	0.00

(#) = Out of Range

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