

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034777.D
 Acq On : 28 Mar 2023 03:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 09:22:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 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	21.058	-5.3	103	0.00
3 M	Chloromethane	20.000	21.625	-8.1	98	0.00
4 M	Vinyl Chloride	20.000	21.459	-7.3	101	0.00
5 M	Bromomethane	20.000	21.840	-9.2	100	0.00
6 M	Chloroethane	20.000	21.331	-6.7	101	0.00
7 M	Trichlorofluoromethane	20.000	21.330	-6.6	104	0.00
8 T	Diethyl Ether	20.000	21.724	-8.6	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.290	-6.4	106	0.00
10 M	1,1-Dichloroethene	20.000	20.627	-3.1	101	0.00
11	Methyl Iodide	20.000	20.201	-1.0	100	0.00
12	Methyl Acetate	20.000	21.370	-6.9	100	0.00
13 M	Acrolein	100.000	99.336	0.7	91	0.00
14 M	Acrylonitrile	100.000	106.635	-6.6	99	0.00
15 M	Acetone	100.000	106.307	-6.3	99	0.00
16 M	Carbon Disulfide	20.000	19.799	1.0	101	0.00
17	Allyl chloride	20.000	20.320	-1.6	99	0.00
18 M	Methylene Chloride	20.000	21.213	-6.1	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.933	-4.7	102	0.00
20 T	Diisopropyl ether	20.000	21.241	-6.2	99	0.00
21 M	1,1-Dichloroethane	20.000	20.976	-4.9	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.787	-3.9	99	0.00
23 M	tert-Butyl Alcohol	100.000	107.686	-7.7	100	0.01
24 M	Methyl tert-Butyl Ether	20.000	21.008	-5.0	99	0.00
25 M	Chloroform	20.000	20.580	-2.9	100	0.00
26	Cyclohexane	20.000	20.931	-4.7	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.847	-2.8	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.786	1.1	104	0.00
30 M	2-Butanone	100.000	101.396	-1.4	98	0.00
31	2,2-Dichloropropane	20.000	17.518	12.4	92	0.00
32 M	1,1,1-Trichloroethane	20.000	19.260	3.7	101	0.00
33 M	Carbon Tetrachloride	20.000	19.001	5.0	102	0.00
34 M	Benzene	20.000	20.148	-0.7	100	0.00
35	Methacrylonitrile	20.000	20.143	-0.7	100	0.00
36 M	1,2-Dichloroethane	20.000	20.328	-1.6	103	0.00
37 M	Trichloroethene	20.000	19.439	2.8	100	0.00
38	Methylcyclohexane	20.000	20.159	-0.8	106	0.00
39 M	1,2-Dichloropropane	20.000	20.044	-0.2	100	0.00
40	Dibromomethane	20.000	19.837	0.8	98	0.00
41 M	Bromodichloromethane	20.000	19.488	2.6	100	0.00
42 M	Vinyl Acetate	100.000	101.795	-1.8	99	0.00
43	Ethyl Acetate	20.000	20.868	-4.3	101	0.00
44	Isopropyl Acetate	20.000	20.070	-0.4	99	0.00
45 T	1,4-Dioxane	400.000	422.284	-5.6	98	0.01
46	Methyl methacrylate	20.000	19.803	1.0	100	0.00
47	n-amyl Acetate	20.000	19.324	3.4	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.286	8.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.545	7.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.461	-2.3	103	0.00
51	Ethyl methacrylate	20.000	19.451	2.7	98	0.00
52	1,3-Dichloropropane	20.000	20.074	-0.4	100	0.00
53 M	Dibromochloromethane	20.000	18.260	8.7	97	0.00
54 M	1,2-Dibromoethane	20.000	19.607	2.0	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.208	-3.2	100	0.00
56 M	Bromoform	20.000	16.981	15.1	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.723	-4.7	98	0.00
59 M	2-Hexanone	100.000	104.588	-4.6	99	0.00
60 S	4-Bromofluorobenzene	30.000	28.950	3.5	97	0.00
61 M	Tetrachloroethene	20.000	20.550	-2.8	106	0.00
62 M	Toluene	20.000	20.348	-1.7	101	0.00
63 S	Toluene-d8	30.000	29.840	0.5	96	0.00
64 M	Chlorobenzene	20.000	20.191	-1.0	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.382	3.1	98	0.00
66 M	Ethyl Benzene	20.000	20.404	-2.0	103	0.00
67 M	m/p-Xylenes	40.000	40.389	-1.0	104	0.00
68 M	o-Xylene	20.000	20.464	-2.3	102	0.00
69 M	Styrene	20.000	19.743	1.3	101	0.00
70	Isopropylbenzene	20.000	20.090	-0.4	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.237	-1.2	98	0.00
72	1,2,3-Trichloropropane	20.000	19.906	0.5	96	0.00
73	Bromobenzene	20.000	19.564	2.2	99	0.00
74	n-propylbenzene	20.000	19.988	0.1	104	0.00
75	2-Chlorotoluene	20.000	19.586	2.1	102	0.00
76	1,3,5-Trimethylbenzene	20.000	20.001	-0.0	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.124	19.4	92	0.00
78	4-Chlorotoluene	20.000	19.639	1.8	104	0.00
79	tert-butylbenzene	20.000	19.734	1.3	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.896	0.5	103	0.00
81	sec-Butylbenzene	20.000	19.988	0.1	105	0.00
82	p-Isopropyltoluene	20.000	19.468	2.7	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.373	3.1	99	0.00
84 M	1,4-Dichlorobenzene	20.000	19.604	2.0	102	0.00
85	n-Butylbenzene	20.000	19.208	4.0	104	0.00
86 T	Hexachloroethane	20.000	17.898	10.5	106	0.00
87 M	1,2-Dichlorobenzene	20.000	19.445	2.8	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.935	5.3	104	0.00
89	1,2,4-Trichlorobenzene	20.000	19.449	2.8	102	0.00
90	Hexachlorobutadiene	20.000	18.781	6.1	99	0.00
91 M	Naphthalene	20.000	20.000	0.0	99	0.00
92	1,2,3-Trichlorobenzene	20.000	19.391	3.0	99	0.00

(#) = Out of Range

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