

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X040723\
 Data File : VX034961.D
 Acq On : 07 Apr 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 23:55:39 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	24.755	-23.8	122	0.00
3 M	Chloromethane	20.000	20.913	-4.6	95	0.00
4 M	Vinyl Chloride	20.000	20.567	-2.8	97	0.00
5 M	Bromomethane	20.000	16.366	18.2	76	0.00
6 M	Chloroethane	20.000	18.317	8.4	87	0.00
7 M	Trichlorofluoromethane	20.000	18.928	5.4	93	0.00
8 T	Diethyl Ether	20.000	20.507	-2.5	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.912	-9.6	109	0.00
10 M	1,1-Dichloroethene	20.000	19.992	0.0	98	0.00
11	Methyl Iodide	20.000	14.841	25.8#	74	0.00
12	Methyl Acetate	20.000	21.541	-7.7	102	0.00
13 M	Acrolein	100.000	98.971	1.0	91	0.00
14 M	Acrylonitrile	100.000	107.174	-7.2	100	0.00
15 M	Acetone	100.000	120.566	-20.6	113	0.00
16 M	Carbon Disulfide	20.000	18.395	8.0	94	0.00
17	Allyl chloride	20.000	20.574	-2.9	101	0.00
18 M	Methylene Chloride	20.000	20.311	-1.6	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.248	-1.2	99	0.00
20 T	Diisopropyl ether	20.000	21.162	-5.8	99	0.00
21 M	1,1-Dichloroethane	20.000	20.493	-2.5	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.381	-1.9	98	0.00
23 M	tert-Butyl Alcohol	100.000	102.611	-2.6	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.334	-6.7	102	0.00
25 M	Chloroform	20.000	21.002	-5.0	103	0.00
26	Cyclohexane	20.000	20.266	-1.3	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.623	-12.1	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.781	1.1	105	0.00
30 M	2-Butanone	100.000	105.274	-5.3	103	-0.01
31	2,2-Dichloropropane	20.000	19.735	1.3	104	0.00
32 M	1,1,1-Trichloroethane	20.000	19.308	3.5	102	0.00
33 M	Carbon Tetrachloride	20.000	20.140	-0.7	109	0.00
34 M	Benzene	20.000	19.601	2.0	98	0.00
35	Methacrylonitrile	20.000	19.969	0.2	100	0.00
36 M	1,2-Dichloroethane	20.000	20.980	-4.9	107	0.00
37 M	Trichloroethene	20.000	19.630	1.9	102	0.00
38	Methylcyclohexane	20.000	19.283	3.6	102	0.00
39 M	1,2-Dichloropropane	20.000	19.795	1.0	100	0.00
40	Dibromomethane	20.000	19.855	0.7	99	0.00
41 M	Bromodichloromethane	20.000	19.995	0.0	104	0.00
42 M	Vinyl Acetate	100.000	100.696	-0.7	98	0.00
43	Ethyl Acetate	20.000	20.016	-0.1	98	-0.01
44	Isopropyl Acetate	20.000	19.395	3.0	97	0.00
45 T	1,4-Dioxane	400.000	418.820	-4.7	98	0.00
46	Methyl methacrylate	20.000	20.186	-0.9	103	0.00
47	n-amyl Acetate	20.000	18.314	8.4	94	0.00
48 M	t-1,3-Dichloropropene	20.000	18.596	7.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.175	4.1	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.946	0.3	101	0.00
51	Ethyl methacrylate	20.000	19.527	2.4	99	0.00
52	1,3-Dichloropropane	20.000	20.004	-0.0	100	0.00
53 M	Dibromochloromethane	20.000	19.241	3.8	103	0.00
54 M	1,2-Dibromoethane	20.000	19.714	1.4	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.269	-2.3	100	0.00
56 M	Bromoform	20.000	18.186	9.1	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.482	-2.5	99	0.00
59 M	2-Hexanone	100.000	102.485	-2.5	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.336	-1.1	105	0.00
61 M	Tetrachloroethene	20.000	20.150	-0.7	107	0.00
62 M	Toluene	20.000	19.556	2.2	100	0.00
63 S	Toluene-d8	30.000	29.807	0.6	99	0.00
64 M	Chlorobenzene	20.000	19.716	1.4	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.429	2.9	101	0.00
66 M	Ethyl Benzene	20.000	19.815	0.9	103	0.00
67 M	m/p-Xylenes	40.000	39.713	0.7	105	0.00
68 M	o-Xylene	20.000	19.418	2.9	100	0.00
69 M	Styrene	20.000	19.572	2.1	103	0.00
70	Isopropylbenzene	20.000	19.684	1.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.937	0.3	99	0.00
72	1,2,3-Trichloropropane	20.000	18.845	5.8	94	0.00
73	Bromobenzene	20.000	19.645	1.8	102	0.00
74	n-propylbenzene	20.000	19.569	2.2	105	0.00
75	2-Chlorotoluene	20.000	20.043	-0.2	107	0.00
76	1,3,5-Trimethylbenzene	20.000	19.798	1.0	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.856	20.7	93	0.00
78	4-Chlorotoluene	20.000	19.945	0.3	109	0.00
79	tert-butylbenzene	20.000	19.271	3.6	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.795	1.0	106	0.00
81	sec-Butylbenzene	20.000	19.599	2.0	106	0.00
82	p-Isopropyltoluene	20.000	19.270	3.7	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.156	4.2	101	0.00
84 M	1,4-Dichlorobenzene	20.000	19.510	2.4	104	0.00
85	n-Butylbenzene	20.000	19.157	4.2	107	0.00
86 T	Hexachloroethane	20.000	17.193	14.0	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.509	2.5	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.458	2.7	110	0.00
89	1,2,4-Trichlorobenzene	20.000	19.532	2.3	105	0.00
90	Hexachlorobutadiene	20.000	20.745	-3.7	113	0.00
91 M	Naphthalene	20.000	19.617	1.9	100	0.00
92	1,2,3-Trichlorobenzene	20.000	19.537	2.3	102	0.00

(#) = Out of Range

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