

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X032823\
 Data File : VX034788.D
 Acq On : 28 Mar 2023 13:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 15:18:50 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	18.823	5.9	96	0.00
3 M	Chloromethane	20.000	20.501	-2.5	97	0.00
4 M	Vinyl Chloride	20.000	20.120	-0.6	99	0.00
5 M	Bromomethane	20.000	21.260	-6.3	102	0.00
6 M	Chloroethane	20.000	20.070	-0.4	100	0.00
7 M	Trichlorofluoromethane	20.000	19.214	3.9	98	0.00
8 T	Diethyl Ether	20.000	20.952	-4.8	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.583	7.1	96	0.00
10 M	1,1-Dichloroethene	20.000	18.603	7.0	95	0.00
11	Methyl Iodide	20.000	18.839	5.8	97	0.00
12	Methyl Acetate	20.000	20.187	-0.9	99	0.00
13 M	Acrolein	100.000	99.884	0.1	95	0.00
14 M	Acrylonitrile	100.000	101.481	-1.5	98	0.00
15 M	Acetone	100.000	101.726	-1.7	99	0.00
16 M	Carbon Disulfide	20.000	17.242	13.8	92	0.00
17	Allyl chloride	20.000	19.198	4.0	97	0.00
18 M	Methylene Chloride	20.000	19.422	2.9	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.136	4.3	98	0.00
20 T	Diisopropyl ether	20.000	20.161	-0.8	98	0.00
21 M	1,1-Dichloroethane	20.000	19.431	2.8	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.498	2.5	97	0.00
23 M	tert-Butyl Alcohol	100.000	90.062	9.9	88	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.851	0.7	98	0.00
25 M	Chloroform	20.000	19.529	2.4	99	0.00
26	Cyclohexane	20.000	17.798	11.0	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.317	-1.1	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.716	6.4	98	0.00
30 M	2-Butanone	100.000	102.993	-3.0	99	0.00
31	2,2-Dichloropropane	20.000	18.962	5.2	98	0.00
32 M	1,1,1-Trichloroethane	20.000	18.075	9.6	93	0.00
33 M	Carbon Tetrachloride	20.000	17.731	11.3	94	0.00
34 M	Benzene	20.000	19.646	1.8	96	0.00
35	Methacrylonitrile	20.000	19.948	0.3	98	0.00
36 M	1,2-Dichloroethane	20.000	20.222	-1.1	101	0.00
37 M	Trichloroethene	20.000	18.878	5.6	96	0.00
38	Methylcyclohexane	20.000	18.377	8.1	95	0.00
39 M	1,2-Dichloropropane	20.000	19.818	0.9	98	0.00
40	Dibromomethane	20.000	19.962	0.2	97	0.00
41 M	Bromodichloromethane	20.000	18.973	5.1	96	0.00
42 M	Vinyl Acetate	100.000	101.977	-2.0	98	0.00
43	Ethyl Acetate	20.000	20.101	-0.5	96	0.00
44	Isopropyl Acetate	20.000	19.798	1.0	97	0.00
45 T	1,4-Dioxane	400.000	424.822	-6.2	98	0.02
46	Methyl methacrylate	20.000	19.675	1.6	98	0.00
47	n-amyl Acetate	20.000	19.100	4.5	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.392	8.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.837	5.8	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.473	-2.4	102	0.00
51	Ethyl methacrylate	20.000	19.415	2.9	97	0.00
52	1,3-Dichloropropane	20.000	20.194	-1.0	99	0.00
53 M	Dibromochloromethane	20.000	18.457	7.7	96	0.00
54 M	1,2-Dibromoethane	20.000	19.788	1.1	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.698	-6.7	102	0.00
56 M	Bromoform	20.000	17.069	14.7	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.962	-6.0	99	0.00
59 M	2-Hexanone	100.000	105.625	-5.6	100	0.00
60 S	4-Bromofluorobenzene	30.000	28.487	5.0	95	0.00
61 M	Tetrachloroethene	20.000	19.024	4.9	98	0.00
62 M	Toluene	20.000	19.246	3.8	95	0.00
63 S	Toluene-d8	30.000	29.980	0.1	96	0.00
64 M	Chlorobenzene	20.000	19.068	4.7	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.104	4.5	96	0.00
66 M	Ethyl Benzene	20.000	19.088	4.6	96	0.00
67 M	m/p-Xylenes	40.000	38.088	4.8	97	0.00
68 M	o-Xylene	20.000	19.000	5.0	95	0.00
69 M	Styrene	20.000	18.612	6.9	95	0.00
70	Isopropylbenzene	20.000	18.513	7.4	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.240	-1.2	97	0.00
72	1,2,3-Trichloropropane	20.000	18.274	8.6	88	0.00
73	Bromobenzene	20.000	19.465	2.7	98	0.00
74	n-propylbenzene	20.000	18.340	8.3	95	0.00
75	2-Chlorotoluene	20.000	18.412	7.9	95	0.00
76	1,3,5-Trimethylbenzene	20.000	18.388	8.1	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.531	17.3	94	0.00
78	4-Chlorotoluene	20.000	18.339	8.3	96	0.00
79	tert-butylbenzene	20.000	18.298	8.5	95	0.00
80	1,2,4-Trimethylbenzene	20.000	18.574	7.1	96	0.00
81	sec-Butylbenzene	20.000	18.130	9.4	95	0.00
82	p-Isopropyltoluene	20.000	17.823	10.9	94	0.00
83 M	1,3-Dichlorobenzene	20.000	18.712	6.4	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.449	7.8	95	0.00
85	n-Butylbenzene	20.000	17.700	11.5	96	0.00
86 T	Hexachloroethane	20.000	15.973	20.1	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.070	4.6	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.220	8.9	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.211	8.9	95	0.00
90	Hexachlorobutadiene	20.000	17.417	12.9	91	0.00
91 M	Naphthalene	20.000	19.422	2.9	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.016	4.9	96	0.00

(#) = Out of Range

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