

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX100523\
 Data File : VX038108.D
 Acq On : 05 Oct 2023 18:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 06 06:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 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	52	0.00
2 M	Dichlorodifluoromethane	20.000	20.087	-0.4	53	0.00
3 M	Chloromethane	20.000	18.738	6.3	49	0.01
4 M	Vinyl Chloride	20.000	20.559	-2.8	54	0.00
5 M	Bromomethane	20.000	26.686	-33.4#	67	0.00
6 M	Chloroethane	20.000	22.968	-14.8	60	0.00
7 M	Trichlorofluoromethane	20.000	24.496	-22.5	64	0.00
8 T	Diethyl Ether	20.000	24.774	-23.9	66	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.542	7.3	50	0.00
10 M	1,1-Dichloroethene	20.000	17.986	10.1	47	0.00
11	Methyl Iodide	20.000	19.864	0.7	54	0.00
12	Methyl Acetate	20.000	27.543	-37.7#	71	0.00
13 M	Acrolein	100.000	170.936	-70.9#	89	0.00
14 M	Acrylonitrile	100.000	138.324	-38.3#	73	0.00
15 M	Acetone	100.000	136.406	-36.4#	70	0.00
16 M	Carbon Disulfide	20.000	18.488	7.6	52	0.00
17	Allyl chloride	20.000	20.696	-3.5	55	0.00
18 M	Methylene Chloride	20.000	20.387	-1.9	54	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.518	-2.6	55	0.00
20 T	Diisopropyl ether	20.000	21.741	-8.7	57	0.00
21 M	1,1-Dichloroethane	20.000	21.447	-7.2	56	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.623	-3.1	55	0.00
23 M	tert-Butyl Alcohol	100.000	160.768	-60.8#	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.592	-8.0	57	0.00
25 M	Chloroform	20.000	22.186	-10.9	58	0.00
26	Cyclohexane	20.000	20.546	-2.7	55	0.00
27 s	1,2-Dichloroethane-d4	30.000	35.426	-18.1	62	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	54	0.00
29	1,1-Dichloropropene	20.000	21.139	-5.7	57	0.00
30 M	2-Butanone	100.000	148.315	-48.3#	79	0.00
31	2,2-Dichloropropane	20.000	18.511	7.4	50	0.00
32 M	1,1,1-Trichloroethane	20.000	20.393	-2.0	56	0.00
33 M	Carbon Tetrachloride	20.000	20.077	-0.4	55	0.00
34 M	Benzene	20.000	20.621	-3.1	55	0.00
35	Methacrylonitrile	20.000	25.479	-27.4#	71	0.00
36 M	1,2-Dichloroethane	20.000	23.171	-15.9	62	0.00
37 M	Trichloroethene	20.000	19.855	0.7	54	0.00
38	Methylcyclohexane	20.000	19.783	1.1	54	0.00
39 M	1,2-Dichloropropane	20.000	20.912	-4.6	56	0.00
40	Dibromomethane	20.000	22.676	-13.4	62	0.00
41 M	Bromodichloromethane	20.000	21.495	-7.5	60	0.00
42 M	Vinyl Acetate	100.000	113.186	-13.2	61	0.00
43	Ethyl Acetate	20.000	27.018	-35.1#	75	0.00
44	Isopropyl Acetate	20.000	24.696	-23.5	68	0.00
45 T	1,4-Dioxane	400.000	523.825	-31.0#	71	0.00
46	Methyl methacrylate	20.000	24.920	-24.6	67	0.00
47	n-amyl Acetate	20.000	23.016	-15.1	64	0.00
48 M	t-1,3-Dichloropropene	20.000	19.752	1.2	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.208	-1.0	56	0.00
50 M	1,1,2-Trichloroethane	20.000	21.754	-8.8	60	0.00
51	Ethyl methacrylate	20.000	22.205	-11.0	62	0.00
52	1,3-Dichloropropane	20.000	22.081	-10.4	59	0.00
53 M	Dibromochloromethane	20.000	20.129	-0.6	57	0.00
54 M	1,2-Dibromoethane	20.000	21.674	-8.4	59	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.424	-15.4	64	0.00
56 M	Bromoform	20.000	18.615	6.9	57	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	55	0.00
58 M	4-Methyl-2-Pentanone	100.000	140.276	-40.3#	76	0.00
59 M	2-Hexanone	100.000	148.348	-48.3#	82	0.00
60 S	4-Bromofluorobenzene	30.000	30.590	-2.0	58	0.00
61 M	Tetrachloroethene	20.000	18.994	5.0	53	0.00
62 M	Toluene	20.000	20.187	-0.9	56	0.00
63 S	Toluene-d8	30.000	30.531	-1.8	56	0.00
64 M	Chlorobenzene	20.000	20.047	-0.2	56	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.207	4.0	54	0.00
66 M	Ethyl Benzene	20.000	20.783	-3.9	58	0.00
67 M	m/p-Xylenes	40.000	40.307	-0.8	56	0.00
68 M	o-Xylene	20.000	20.192	-1.0	57	0.00
69 M	Styrene	20.000	20.178	-0.9	57	0.00
70	Isopropylbenzene	20.000	19.993	0.0	56	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.223	-16.1	65	0.00
72	1,2,3-Trichloropropane	20.000	23.565	-17.8	67	0.00
73	Bromobenzene	20.000	19.409	3.0	56	0.00
74	n-propylbenzene	20.000	20.958	-4.8	59	0.00
75	2-Chlorotoluene	20.000	20.982	-4.9	59	0.00
76	1,3,5-Trimethylbenzene	20.000	20.111	-0.6	57	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.371	3.1	62	0.00
78	4-Chlorotoluene	20.000	20.826	-4.1	59	0.00
79	tert-butylbenzene	20.000	19.960	0.2	57	0.00
80	1,2,4-Trimethylbenzene	20.000	20.390	-2.0	57	0.00
81	sec-Butylbenzene	20.000	20.692	-3.5	58	0.00
82	p-Isopropyltoluene	20.000	19.803	1.0	56	0.00
83 M	1,3-Dichlorobenzene	20.000	19.714	1.4	56	0.00
84 M	1,4-Dichlorobenzene	20.000	19.782	1.1	56	0.00
85	n-Butylbenzene	20.000	20.433	-2.2	60	0.00
86 T	Hexachloroethane	20.000	18.325	8.4	56	0.00
87 M	1,2-Dichlorobenzene	20.000	19.485	2.6	55	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	26.955	-34.8#	79	0.00
89	1,2,4-Trichlorobenzene	20.000	18.604	7.0	54	0.00
90	Hexachlorobutadiene	20.000	17.388	13.1	51	0.00
91 M	Naphthalene	20.000	22.002	-10.0	61	0.00
92	1,2,3-Trichlorobenzene	20.000	19.086	4.6	54	0.00

(#) = Out of Range

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