

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121523\
 Data File : VX039222.D
 Acq On : 15 Dec 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 16 01:10:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	21.238	-6.2	99	0.00
3 M	Chloromethane	20.000	19.921	0.4	96	0.00
4 M	Vinyl Chloride	20.000	19.334	3.3	93	0.00
5 M	Bromomethane	20.000	19.992	0.0	85	0.00
6 M	Chloroethane	20.000	19.032	4.8	87	0.00
7 M	Trichlorofluoromethane	20.000	20.900	-4.5	98	0.00
8 T	Diethyl Ether	20.000	19.342	3.3	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.481	-17.4	113	0.00
10 M	1,1-Dichloroethene	20.000	21.794	-9.0	105	0.00
11	Methyl Iodide	20.000	19.104	4.5	100	0.00
12	Methyl Acetate	20.000	23.802	-19.0	115	0.00
13 M	Acrolein	100.000	80.091	19.9	80	0.00
14 M	Acrylonitrile	100.000	106.688	-6.7	103	0.00
15 M	Acetone	100.000	102.211	-2.2	86	0.00
16 M	Carbon Disulfide	20.000	19.310	3.5	94	0.00
17	Allyl chloride	20.000	22.828	-14.1	109	0.00
18 M	Methylene Chloride	20.000	22.348	-11.7	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.221	-6.1	104	0.00
20 T	Diisopropyl ether	20.000	22.732	-13.7	109	0.00
21 M	1,1-Dichloroethane	20.000	22.428	-12.1	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.808	-4.0	100	-0.01
23 M	tert-Butyl Alcohol	100.000	86.571	13.4	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.253	-11.3	108	0.00
25 M	Chloroform	20.000	21.981	-9.9	107	0.00
26	Cyclohexane	20.000	21.030	-5.2	101	-0.01
27 s	1,2-Dichloroethane-d4	30.000	33.841	-12.8	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	-0.01
29	1,1-Dichloropropene	20.000	20.801	-4.0	105	0.00
30 M	2-Butanone	100.000	99.499	0.5	97	0.00
31	2,2-Dichloropropane	20.000	20.870	-4.4	104	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.687	-3.4	104	0.00
33 M	Carbon Tetrachloride	20.000	19.528	2.4	98	0.00
34 M	Benzene	20.000	20.176	-0.9	102	0.00
35	Methacrylonitrile	20.000	21.041	-5.2	108	-0.01
36 M	1,2-Dichloroethane	20.000	22.127	-10.6	111	0.00
37 M	Trichloroethene	20.000	19.910	0.4	100	0.00
38	Methylcyclohexane	20.000	19.350	3.2	96	0.00
39 M	1,2-Dichloropropane	20.000	20.219	-1.1	104	0.00
40	Dibromomethane	20.000	20.206	-1.0	102	0.00
41 M	Bromodichloromethane	20.000	20.691	-3.5	104	0.00
42 M	Vinyl Acetate	100.000	103.647	-3.6	103	0.00
43	Ethyl Acetate	20.000	19.739	1.3	99	-0.01
44	Isopropyl Acetate	20.000	20.181	-0.9	103	0.00
45 T	1,4-Dioxane	400.000	345.308	13.7	91	0.00
46	Methyl methacrylate	20.000	20.613	-3.1	105	0.00
47	n-amyl Acetate	20.000	20.156	-0.8	106	0.00
48 M	t-1,3-Dichloropropene	20.000	19.413	2.9	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.781	-3.9	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.316	-1.6	102	0.00
51	Ethyl methacrylate	20.000	20.597	-3.0	108	0.00
52	1,3-Dichloropropane	20.000	20.724	-3.6	104	0.00
53 M	Dibromochloromethane	20.000	19.397	3.0	97	0.00
54 M	1,2-Dibromoethane	20.000	19.927	0.4	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.146	3.9	102	0.00
56 M	Bromoform	20.000	17.749	11.3	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.574	-5.6	103	0.00
59 M	2-Hexanone	100.000	107.358	-7.4	104	0.00
60 S	4-Bromofluorobenzene	30.000	32.011	-6.7	104	0.00
61 M	Tetrachloroethene	20.000	20.084	-0.4	96	0.00
62 M	Toluene	20.000	20.594	-3.0	101	0.00
63 S	Toluene-d8	30.000	30.261	-0.9	97	0.00
64 M	Chlorobenzene	20.000	20.056	-0.3	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.294	-1.5	99	0.00
66 M	Ethyl Benzene	20.000	20.565	-2.8	100	0.00
67 M	m/p-Xylenes	40.000	40.156	-0.4	99	0.00
68 M	o-Xylene	20.000	20.094	-0.5	100	0.00
69 M	Styrene	20.000	20.008	-0.0	99	0.00
70	Isopropylbenzene	20.000	20.783	-3.9	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.820	-4.1	103	0.00
72	1,2,3-Trichloropropane	20.000	21.717	-8.6	106	0.00
73	Bromobenzene	20.000	19.793	1.0	100	0.00
74	n-propylbenzene	20.000	21.137	-5.7	104	0.00
75	2-Chlorotoluene	20.000	21.035	-5.2	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.340	-1.7	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.049	9.8	94	0.00
78	4-Chlorotoluene	20.000	21.104	-5.5	104	0.00
79	tert-butylbenzene	20.000	20.237	-1.2	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.550	-2.8	101	0.00
81	sec-Butylbenzene	20.000	20.732	-3.7	103	0.00
82	p-Isopropyltoluene	20.000	20.477	-2.4	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.017	-0.1	100	0.00
84 M	1,4-Dichlorobenzene	20.000	20.019	-0.1	100	0.00
85	n-Butylbenzene	20.000	20.639	-3.2	104	0.00
86 T	Hexachloroethane	20.000	18.964	5.2	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.120	-0.6	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.849	0.8	98	0.00
89	1,2,4-Trichlorobenzene	20.000	19.792	1.0	98	0.00
90	Hexachlorobutadiene	20.000	20.693	-3.5	102	0.00
91 M	Naphthalene	20.000	19.155	4.2	96	0.00
92	1,2,3-Trichlorobenzene	20.000	20.060	-0.3	99	0.00

(#) = Out of Range

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