

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112823\
 Data File : VX039044.D
 Acq On : 28 Nov 2023 09:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 01:26:15 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	20.441	-2.2	89	0.00
3 M	Chloromethane	20.000	20.876	-4.4	94	0.00
4 M	Vinyl Chloride	20.000	20.632	-3.2	92	0.00
5 M	Bromomethane	20.000	24.415	-22.1	96	0.00
6 M	Chloroethane	20.000	21.567	-7.8	92	0.00
7 M	Trichlorofluoromethane	20.000	22.064	-10.3	97	0.00
8 T	Diethyl Ether	20.000	21.954	-9.8	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.807	-4.0	93	0.00
10 M	1,1-Dichloroethene	20.000	20.640	-3.2	92	0.00
11	Methyl Iodide	20.000	19.864	0.7	97	0.00
12	Methyl Acetate	20.000	20.953	-4.8	94	0.00
13 M	Acrolein	100.000	122.218	-22.2	113	0.00
14 M	Acrylonitrile	100.000	106.104	-6.1	95	0.00
15 M	Acetone	100.000	109.435	-9.4	86	0.00
16 M	Carbon Disulfide	20.000	20.725	-3.6	94	0.00
17	Allyl chloride	20.000	22.063	-10.3	98	0.00
18 M	Methylene Chloride	20.000	21.406	-7.0	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.322	-6.6	97	0.00
20 T	Diisopropyl ether	20.000	21.674	-8.4	97	0.00
21 M	1,1-Dichloroethane	20.000	21.482	-7.4	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.109	-5.5	94	-0.01
23 M	tert-Butyl Alcohol	100.000	92.127	7.9	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.381	-6.9	96	0.00
25 M	Chloroform	20.000	21.269	-6.3	96	0.00
26	Cyclohexane	20.000	21.492	-7.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.361	-4.5	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	21.326	-6.6	98	0.00
30 M	2-Butanone	100.000	101.293	-1.3	89	0.00
31	2,2-Dichloropropane	20.000	21.567	-7.8	97	0.00
32 M	1,1,1-Trichloroethane	20.000	21.100	-5.5	96	0.00
33 M	Carbon Tetrachloride	20.000	20.862	-4.3	94	0.00
34 M	Benzene	20.000	20.793	-4.0	95	0.00
35	Methacrylonitrile	20.000	20.602	-3.0	96	-0.02
36 M	1,2-Dichloroethane	20.000	21.257	-6.3	96	0.00
37 M	Trichloroethene	20.000	20.840	-4.2	94	0.00
38	Methylcyclohexane	20.000	21.108	-5.5	95	0.00
39 M	1,2-Dichloropropane	20.000	21.514	-7.6	100	0.00
40	Dibromomethane	20.000	20.285	-1.4	93	0.00
41 M	Bromodichloromethane	20.000	21.161	-5.8	96	0.00
42 M	Vinyl Acetate	100.000	108.103	-8.1	98	0.00
43	Ethyl Acetate	20.000	19.707	1.5	89	-0.01
44	Isopropyl Acetate	20.000	20.750	-3.8	96	0.00
45 T	1,4-Dioxane	400.000	387.907	3.0	93	0.00
46	Methyl methacrylate	20.000	20.549	-2.7	95	0.00
47	n-amyl Acetate	20.000	19.788	1.1	95	0.00
48 M	t-1,3-Dichloropropene	20.000	20.196	-1.0	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.777	-3.9	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.631	-3.2	94	0.00
51	Ethyl methacrylate	20.000	20.731	-3.7	98	0.00
52	1,3-Dichloropropane	20.000	20.350	-1.8	92	0.00
53 M	Dibromochloromethane	20.000	20.141	-0.7	91	0.00
54 M	1,2-Dibromoethane	20.000	20.349	-1.7	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.547	-0.5	96	0.00
56 M	Bromoform	20.000	19.477	2.6	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.064	-2.1	91	0.00
59 M	2-Hexanone	100.000	101.706	-1.7	91	0.00
60 S	4-Bromofluorobenzene	30.000	29.672	1.1	89	0.00
61 M	Tetrachloroethene	20.000	20.882	-4.4	92	0.00
62 M	Toluene	20.000	21.108	-5.5	95	0.00
63 S	Toluene-d8	30.000	30.078	-0.3	89	0.00
64 M	Chlorobenzene	20.000	20.828	-4.1	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.515	-2.6	92	0.00
66 M	Ethyl Benzene	20.000	20.720	-3.6	93	0.00
67 M	m/p-Xylenes	40.000	41.744	-4.4	95	0.00
68 M	o-Xylene	20.000	20.753	-3.8	95	0.00
69 M	Styrene	20.000	20.515	-2.6	94	0.00
70	Isopropylbenzene	20.000	20.897	-4.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.254	-1.3	93	0.00
72	1,2,3-Trichloropropane	20.000	21.516	-7.6	97	0.00
73	Bromobenzene	20.000	20.318	-1.6	94	0.00
74	n-propylbenzene	20.000	20.942	-4.7	95	0.00
75	2-Chlorotoluene	20.000	20.882	-4.4	95	0.00
76	1,3,5-Trimethylbenzene	20.000	21.170	-5.9	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.868	0.7	96	0.00
78	4-Chlorotoluene	20.000	21.176	-5.9	96	0.00
79	tert-butylbenzene	20.000	21.088	-5.4	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.837	-4.2	95	0.00
81	sec-Butylbenzene	20.000	20.711	-3.6	95	0.00
82	p-Isopropyltoluene	20.000	20.679	-3.4	95	0.00
83 M	1,3-Dichlorobenzene	20.000	20.773	-3.9	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.954	-4.8	96	0.00
85	n-Butylbenzene	20.000	20.523	-2.6	96	0.00
86 T	Hexachloroethane	20.000	20.110	-0.5	93	0.00
87 M	1,2-Dichlorobenzene	20.000	21.037	-5.2	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.099	-0.5	92	0.00
89	1,2,4-Trichlorobenzene	20.000	20.532	-2.7	94	0.00
90	Hexachlorobutadiene	20.000	20.558	-2.8	93	0.00
91 M	Naphthalene	20.000	19.771	1.1	92	0.00
92	1,2,3-Trichlorobenzene	20.000	20.789	-3.9	95	0.00

(#) = Out of Range

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