

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112923\
 Data File : VX039051.D
 Acq On : 29 Nov 2023 10:23
 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 30 01:35:32 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	121	0.00
2 M	Dichlorodifluoromethane	20.000	19.701	1.5	117	0.00
3 M	Chloromethane	20.000	19.646	1.8	120	0.00
4 M	Vinyl Chloride	20.000	19.357	3.2	118	0.00
5 M	Bromomethane	20.000	21.851	-9.3	118	0.00
6 M	Chloroethane	20.000	20.229	-1.1	117	0.00
7 M	Trichlorofluoromethane	20.000	20.294	-1.5	121	0.00
8 T	Diethyl Ether	20.000	20.405	-2.0	123	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.385	-6.9	131	0.00
10 M	1,1-Dichloroethene	20.000	20.936	-4.7	128	0.00
11	Methyl Iodide	20.000	20.691	-3.5	137	0.00
12	Methyl Acetate	20.000	20.109	-0.5	123	0.00
13 M	Acrolein	100.000	99.059	0.9	125	0.00
14 M	Acrylonitrile	100.000	102.850	-2.8	126	0.00
15 M	Acetone	100.000	118.676	-18.7	127	0.00
16 M	Carbon Disulfide	20.000	19.529	2.4	121	0.00
17	Allyl chloride	20.000	20.111	-0.6	122	0.00
18 M	Methylene Chloride	20.000	20.197	-1.0	127	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.258	-1.3	126	0.00
20 T	Diisopropyl ether	20.000	20.831	-4.2	127	0.00
21 M	1,1-Dichloroethane	20.000	20.477	-2.4	126	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.131	-0.7	123	-0.01
23 M	tert-Butyl Alcohol	100.000	90.311	9.7	114	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.578	-2.9	126	0.00
25 M	Chloroform	20.000	20.710	-3.6	128	0.00
26	Cyclohexane	20.000	20.269	-1.3	124	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.499	-1.7	120	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	124	0.00
29	1,1-Dichloropropene	20.000	19.161	4.2	124	0.00
30 M	2-Butanone	100.000	100.796	-0.8	126	0.00
31	2,2-Dichloropropane	20.000	19.574	2.1	125	0.00
32 M	1,1,1-Trichloroethane	20.000	19.383	3.1	124	0.00
33 M	Carbon Tetrachloride	20.000	19.127	4.4	122	0.00
34 M	Benzene	20.000	19.615	1.9	127	0.00
35	Methacrylonitrile	20.000	19.778	1.1	131	-0.01
36 M	1,2-Dichloroethane	20.000	18.358	8.2	118	0.00
37 M	Trichloroethene	20.000	19.428	2.9	124	0.00
38	Methylcyclohexane	20.000	19.312	3.4	123	0.00
39 M	1,2-Dichloropropane	20.000	19.870	0.6	131	0.00
40	Dibromomethane	20.000	18.931	5.3	123	0.00
41 M	Bromodichloromethane	20.000	19.359	3.2	125	0.00
42 M	Vinyl Acetate	100.000	99.048	1.0	127	0.00
43	Ethyl Acetate	20.000	18.901	5.5	121	-0.01
44	Isopropyl Acetate	20.000	19.111	4.4	125	0.00
45 T	1,4-Dioxane	400.000	366.480	8.4	124	0.00
46	Methyl methacrylate	20.000	19.081	4.6	124	0.00
47	n-amyl Acetate	20.000	18.849	5.8	128	0.00
48 M	t-1,3-Dichloropropene	20.000	18.783	6.1	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.462	2.7	126	0.00
50 M	1,1,2-Trichloroethane	20.000	19.638	1.8	126	0.00
51	Ethyl methacrylate	20.000	19.253	3.7	129	0.00
52	1,3-Dichloropropane	20.000	19.470	2.7	125	0.00
53 M	Dibromochloromethane	20.000	18.980	5.1	121	0.00
54 M	1,2-Dibromoethane	20.000	19.099	4.5	125	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.204	8.8	124	0.00
56 M	Bromoform	20.000	18.347	8.3	122	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.740	1.3	125	0.00
59 M	2-Hexanone	100.000	99.167	0.8	125	0.00
60 S	4-Bromofluorobenzene	30.000	29.522	1.6	125	0.00
61 M	Tetrachloroethene	20.000	19.832	0.8	124	0.00
62 M	Toluene	20.000	19.842	0.8	126	0.00
63 S	Toluene-d8	30.000	29.817	0.6	125	0.00
64 M	Chlorobenzene	20.000	19.697	1.5	127	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.831	0.8	126	0.00
66 M	Ethyl Benzene	20.000	19.566	2.2	125	0.00
67 M	m/p-Xylenes	40.000	39.369	1.6	126	0.00
68 M	o-Xylene	20.000	19.538	2.3	126	0.00
69 M	Styrene	20.000	19.407	3.0	126	0.00
70	Isopropylbenzene	20.000	19.535	2.3	125	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.434	2.8	126	0.00
72	1,2,3-Trichloropropane	20.000	19.958	0.2	127	0.00
73	Bromobenzene	20.000	19.481	2.6	128	0.00
74	n-propylbenzene	20.000	19.669	1.7	126	0.00
75	2-Chlorotoluene	20.000	19.183	4.1	124	0.00
76	1,3,5-Trimethylbenzene	20.000	19.395	3.0	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.591	7.0	126	0.00
78	4-Chlorotoluene	20.000	19.364	3.2	124	0.00
79	tert-butylbenzene	20.000	19.588	2.1	125	0.00
80	1,2,4-Trimethylbenzene	20.000	19.377	3.1	125	0.00
81	sec-Butylbenzene	20.000	19.398	3.0	126	0.00
82	p-Isopropyltoluene	20.000	19.411	2.9	126	0.00
83 M	1,3-Dichlorobenzene	20.000	19.177	4.1	125	0.00
84 M	1,4-Dichlorobenzene	20.000	18.983	5.1	123	0.00
85	n-Butylbenzene	20.000	19.258	3.7	127	0.00
86 T	Hexachloroethane	20.000	18.670	6.6	122	0.00
87 M	1,2-Dichlorobenzene	20.000	19.220	3.9	123	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.559	7.2	120	0.00
89	1,2,4-Trichlorobenzene	20.000	19.158	4.2	124	0.00
90	Hexachlorobutadiene	20.000	19.581	2.1	125	0.00
91 M	Naphthalene	20.000	18.393	8.0	121	0.00
92	1,2,3-Trichlorobenzene	20.000	19.489	2.6	125	0.00

(#) = Out of Range

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