

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039042.D
 Acq On : 27 Nov 2023 15:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 28 01:13:27 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	21.025	-5.1	86	0.00
3 M	Chloromethane	20.000	21.995	-10.0	93	0.00
4 M	Vinyl Chloride	20.000	22.655	-13.3	95	0.00
5 M	Bromomethane	20.000	25.675	-28.4#	96	0.00
6 M	Chloroethane	20.000	22.722	-13.6	91	0.00
7 M	Trichlorofluoromethane	20.000	22.996	-15.0	95	0.00
8 T	Diethyl Ether	20.000	22.427	-12.1	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.281	-11.4	94	0.00
10 M	1,1-Dichloroethene	20.000	21.932	-9.7	92	0.00
11	Methyl Iodide	20.000	20.169	-0.8	93	0.00
12	Methyl Acetate	20.000	22.628	-13.1	96	0.00
13 M	Acrolein	100.000	124.228	-24.2	109	0.00
14 M	Acrylonitrile	100.000	113.160	-13.2	96	0.00
15 M	Acetone	100.000	95.763	4.2	71	0.00
16 M	Carbon Disulfide	20.000	21.385	-6.9	91	0.00
17	Allyl chloride	20.000	22.857	-14.3	96	0.00
18 M	Methylene Chloride	20.000	22.381	-11.9	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.754	-8.8	94	0.00
20 T	Diisopropyl ether	20.000	22.229	-11.1	94	0.00
21 M	1,1-Dichloroethane	20.000	22.665	-13.3	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.277	-6.4	90	-0.01
23 M	tert-Butyl Alcohol	100.000	104.865	-4.9	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.357	-11.8	95	0.00
25 M	Chloroform	20.000	22.089	-10.4	94	0.00
26	Cyclohexane	20.000	21.885	-9.4	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.088	-10.3	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	21.457	-7.3	95	0.00
30 M	2-Butanone	100.000	104.167	-4.2	89	0.00
31	2,2-Dichloropropane	20.000	21.684	-8.4	94	0.00
32 M	1,1,1-Trichloroethane	20.000	21.111	-5.6	92	0.00
33 M	Carbon Tetrachloride	20.000	20.820	-4.1	91	0.00
34 M	Benzene	20.000	21.068	-5.3	93	0.00
35	Methacrylonitrile	20.000	21.557	-7.8	97	-0.01
36 M	1,2-Dichloroethane	20.000	21.391	-7.0	93	0.00
37 M	Trichloroethene	20.000	20.695	-3.5	90	0.00
38	Methylcyclohexane	20.000	21.619	-8.1	94	0.00
39 M	1,2-Dichloropropane	20.000	21.246	-6.2	96	0.00
40	Dibromomethane	20.000	20.976	-4.9	93	0.00
41 M	Bromodichloromethane	20.000	21.132	-5.7	93	0.00
42 M	Vinyl Acetate	100.000	111.987	-12.0	98	0.00
43	Ethyl Acetate	20.000	21.825	-9.1	95	0.00
44	Isopropyl Acetate	20.000	21.876	-9.4	98	0.00
45 T	1,4-Dioxane	400.000	419.864	-5.0	97	0.00
46	Methyl methacrylate	20.000	21.346	-6.7	95	0.00
47	n-amyl Acetate	20.000	21.064	-5.3	97	0.00
48 M	t-1,3-Dichloropropene	20.000	20.178	-0.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.189	-5.9	93	0.00
50 M	1,1,2-Trichloroethane	20.000	21.723	-8.6	95	0.00
51	Ethyl methacrylate	20.000	21.255	-6.3	97	0.00
52	1,3-Dichloropropane	20.000	21.478	-7.4	94	0.00
53 M	Dibromochloromethane	20.000	20.571	-2.9	90	0.00
54 M	1,2-Dibromoethane	20.000	20.858	-4.3	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.282	0.7	92	0.00
56 M	Bromoform	20.000	20.023	-0.1	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.895	-7.9	94	0.00
59 M	2-Hexanone	100.000	105.701	-5.7	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.972	0.1	88	0.00
61 M	Tetrachloroethene	20.000	20.536	-2.7	88	0.00
62 M	Toluene	20.000	21.281	-6.4	93	0.00
63 S	Toluene-d8	30.000	30.688	-2.3	89	0.00
64 M	Chlorobenzene	20.000	21.018	-5.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.178	-5.9	93	0.00
66 M	Ethyl Benzene	20.000	21.180	-5.9	93	0.00
67 M	m/p-Xylenes	40.000	42.354	-5.9	94	0.00
68 M	o-Xylene	20.000	21.165	-5.8	94	0.00
69 M	Styrene	20.000	20.737	-3.7	93	0.00
70	Isopropylbenzene	20.000	21.316	-6.6	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.331	-6.7	95	0.00
72	1,2,3-Trichloropropane	20.000	21.398	-7.0	94	0.00
73	Bromobenzene	20.000	20.319	-1.6	92	0.00
74	n-propylbenzene	20.000	21.521	-7.6	95	0.00
75	2-Chlorotoluene	20.000	21.381	-6.9	95	0.00
76	1,3,5-Trimethylbenzene	20.000	21.138	-5.7	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.360	3.2	91	0.00
78	4-Chlorotoluene	20.000	21.209	-6.0	94	0.00
79	tert-butylbenzene	20.000	21.125	-5.6	93	0.00
80	1,2,4-Trimethylbenzene	20.000	21.260	-6.3	94	0.00
81	sec-Butylbenzene	20.000	21.414	-7.1	96	0.00
82	p-Isopropyltoluene	20.000	21.371	-6.9	95	0.00
83 M	1,3-Dichlorobenzene	20.000	21.303	-6.5	96	0.00
84 M	1,4-Dichlorobenzene	20.000	21.024	-5.1	94	0.00
85	n-Butylbenzene	20.000	21.072	-5.4	96	0.00
86 T	Hexachloroethane	20.000	20.241	-1.2	91	0.00
87 M	1,2-Dichlorobenzene	20.000	21.291	-6.5	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.661	-3.3	92	0.00
89	1,2,4-Trichlorobenzene	20.000	20.846	-4.2	93	0.00
90	Hexachlorobutadiene	20.000	19.502	2.5	86	0.00
91 M	Naphthalene	20.000	20.332	-1.7	92	0.00
92	1,2,3-Trichlorobenzene	20.000	20.688	-3.4	92	0.00

(#) = Out of Range

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