

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112823\
 Data File : VX039049.D
 Acq On : 28 Nov 2023 15:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 01:30:06 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.108	9.5	83	0.00
3 M	Chloromethane	20.000	19.729	1.4	93	0.00
4 M	Vinyl Chloride	20.000	19.458	2.7	91	0.00
5 M	Bromomethane	20.000	22.493	-12.5	93	0.00
6 M	Chloroethane	20.000	19.527	2.4	87	0.00
7 M	Trichlorofluoromethane	20.000	20.455	-2.3	94	0.00
8 T	Diethyl Ether	20.000	20.399	-2.0	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.586	2.1	92	0.00
10 M	1,1-Dichloroethene	20.000	19.158	4.2	90	0.00
11	Methyl Iodide	20.000	18.664	6.7	95	0.00
12	Methyl Acetate	20.000	19.579	2.1	92	0.00
13 M	Acrolein	100.000	105.407	-5.4	103	0.00
14 M	Acrylonitrile	100.000	97.848	2.2	92	0.00
15 M	Acetone	100.000	87.898	12.1	73	0.00
16 M	Carbon Disulfide	20.000	19.278	3.6	92	0.00
17	Allyl chloride	20.000	20.505	-2.5	96	0.00
18 M	Methylene Chloride	20.000	19.889	0.6	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.477	2.6	93	0.00
20 T	Diisopropyl ether	20.000	19.805	1.0	93	0.00
21 M	1,1-Dichloroethane	20.000	19.719	1.4	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.183	-0.9	95	-0.01
23 M	tert-Butyl Alcohol	100.000	88.946	11.1	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.852	0.7	94	0.00
25 M	Chloroform	20.000	20.628	-3.1	98	-0.01
26	Cyclohexane	20.000	19.739	1.3	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.454	-1.5	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	-0.01
29	1,1-Dichloropropene	20.000	19.993	0.0	92	0.00
30 M	2-Butanone	100.000	97.206	2.8	87	-0.01
31	2,2-Dichloropropane	20.000	21.017	-5.1	96	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.985	0.1	92	0.00
33 M	Carbon Tetrachloride	20.000	20.043	-0.2	92	-0.01
34 M	Benzene	20.000	19.907	0.5	92	0.00
35	Methacrylonitrile	20.000	20.138	-0.7	95	-0.02
36 M	1,2-Dichloroethane	20.000	20.556	-2.8	94	0.00
37 M	Trichloroethene	20.000	19.888	0.6	91	0.00
38	Methylcyclohexane	20.000	20.050	-0.3	91	0.00
39 M	1,2-Dichloropropane	20.000	19.680	1.6	93	0.00
40	Dibromomethane	20.000	20.711	-3.6	96	0.00
41 M	Bromodichloromethane	20.000	20.623	-3.1	95	0.00
42 M	Vinyl Acetate	100.000	102.599	-2.6	94	0.00
43	Ethyl Acetate	20.000	20.043	-0.2	92	-0.01
44	Isopropyl Acetate	20.000	19.647	1.8	92	0.00
45 T	1,4-Dioxane	400.000	405.085	-1.3	98	0.00
46	Methyl methacrylate	20.000	19.988	0.1	93	0.00
47	n-amyl Acetate	20.000	19.034	4.8	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.531	2.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.200	-1.0	93	0.00
50 M	1,1,2-Trichloroethane	20.000	20.134	-0.7	93	0.00
51	Ethyl methacrylate	20.000	19.736	1.3	94	0.00
52	1,3-Dichloropropane	20.000	19.898	0.5	91	0.00
53 M	Dibromochloromethane	20.000	19.311	3.4	88	0.00
54 M	1,2-Dibromoethane	20.000	19.268	3.7	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.546	0.5	97	0.00
56 M	Bromoform	20.000	18.298	8.5	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.609	2.4	89	0.00
59 M	2-Hexanone	100.000	94.944	5.1	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.123	-0.4	92	0.00
61 M	Tetrachloroethene	20.000	19.206	4.0	87	0.00
62 M	Toluene	20.000	19.915	0.4	92	0.00
63 S	Toluene-d8	30.000	30.302	-1.0	92	0.00
64 M	Chlorobenzene	20.000	19.608	2.0	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.727	1.4	91	0.00
66 M	Ethyl Benzene	20.000	19.663	1.7	91	0.00
67 M	m/p-Xylenes	40.000	39.519	1.2	92	0.00
68 M	o-Xylene	20.000	19.693	1.5	92	0.00
69 M	Styrene	20.000	19.579	2.1	92	0.00
70	Isopropylbenzene	20.000	19.741	1.3	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.159	4.2	90	0.00
72	1,2,3-Trichloropropane	20.000	19.947	0.3	92	0.00
73	Bromobenzene	20.000	19.336	3.3	92	0.00
74	n-propylbenzene	20.000	19.792	1.0	91	0.00
75	2-Chlorotoluene	20.000	19.514	2.4	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.594	2.0	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.221	8.9	90	0.00
78	4-Chlorotoluene	20.000	19.672	1.6	91	0.00
79	tert-butylbenzene	20.000	19.744	1.3	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.250	3.8	89	0.00
81	sec-Butylbenzene	20.000	19.595	2.0	92	0.00
82	p-Isopropyltoluene	20.000	19.528	2.4	91	0.00
83 M	1,3-Dichlorobenzene	20.000	19.344	3.3	92	0.00
84 M	1,4-Dichlorobenzene	20.000	18.990	5.1	89	0.00
85	n-Butylbenzene	20.000	20.243	-1.2	96	0.00
86 T	Hexachloroethane	20.000	19.680	1.6	93	0.00
87 M	1,2-Dichlorobenzene	20.000	20.440	-2.2	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.885	5.6	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.669	1.7	92	0.00
90	Hexachlorobutadiene	20.000	18.632	6.8	86	0.00
91 M	Naphthalene	20.000	18.691	6.5	89	0.00
92	1,2,3-Trichlorobenzene	20.000	19.117	4.4	89	0.00

(#) = Out of Range

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