

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX011822\
 Data File : VX026505.D
 Acq On : 18 Jan 2022 17:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 07:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 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	20.651	-3.3	72	0.00
3 M	Chloromethane	20.000	21.778	-8.9	79	0.00
4 M	Vinyl Chloride	20.000	20.787	-3.9	76	0.00
5 M	Bromomethane	20.000	22.689	-13.4	81	0.00
6 M	Chloroethane	20.000	21.732	-8.7	77	0.00
7 M	Trichlorofluoromethane	20.000	19.780	1.1	72	0.00
8 T	Diethyl Ether	20.000	20.403	-2.0	76	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.532	-2.7	74	0.00
10 M	1,1-Dichloroethene	20.000	20.387	-1.9	76	0.00
11	Methyl Iodide	20.000	24.928	-24.6	101	0.00
12	Methyl Acetate	20.000	20.810	-4.0	78	0.00
13 M	Acrolein	100.000	121.874	-21.9	113	0.00
14 M	Acrylonitrile	100.000	106.842	-6.8	79	0.00
15 M	Acetone	100.000	103.427	-3.4	71	0.00
16 M	Carbon Disulfide	20.000	19.210	3.9	72	0.00
17	Allyl chloride	20.000	19.530	2.3	74	0.00
18 M	Methylene Chloride	20.000	20.978	-4.9	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.338	-1.7	76	0.00
20 T	Diisopropyl ether	20.000	20.694	-3.5	75	0.00
21 M	1,1-Dichloroethane	20.000	20.350	-1.8	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.567	-2.8	78	0.00
23 M	tert-Butyl Alcohol	100.000	86.412	13.6	70	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.731	1.3	73	0.00
25 M	Chloroform	20.000	21.283	-6.4	78	0.00
26	Cyclohexane	20.000	20.171	-0.9	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.231	2.6	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	19.717	1.4	75	0.00
30 M	2-Butanone	100.000	100.907	-0.9	73	0.00
31	2,2-Dichloropropane	20.000	17.716	11.4	68	0.00
32 M	1,1,1-Trichloroethane	20.000	19.405	3.0	73	0.00
33 M	Carbon Tetrachloride	20.000	19.165	4.2	72	0.00
34 M	Benzene	20.000	20.519	-2.6	77	0.00
35	Methacrylonitrile	20.000	21.299	-6.5	80	0.00
36 M	1,2-Dichloroethane	20.000	19.687	1.6	74	0.00
37 M	Trichloroethene	20.000	20.088	-0.4	76	0.00
38	Methylcyclohexane	20.000	19.845	0.8	73	0.00
39 M	1,2-Dichloropropane	20.000	20.615	-3.1	77	0.00
40	Dibromomethane	20.000	20.581	-2.9	78	0.00
41 M	Bromodichloromethane	20.000	20.247	-1.2	76	0.00
42 M	Vinyl Acetate	100.000	100.640	-0.6	75	0.00
43	Ethyl Acetate	20.000	20.733	-3.7	78	0.00
44	Isopropyl Acetate	20.000	19.816	0.9	75	0.00
45 T	1,4-Dioxane	400.000	377.228	5.7	71	0.00
46	Methyl methacrylate	20.000	20.439	-2.2	76	0.00
47	n-amyl Acetate	20.000	19.918	0.4	75	0.00
48 M	t-1,3-Dichloropropene	20.000	19.326	3.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.721	1.4	75	0.00
50 M	1,1,2-Trichloroethane	20.000	21.263	-6.3	79	0.00
51	Ethyl methacrylate	20.000	20.817	-4.1	78	0.00
52	1,3-Dichloropropane	20.000	21.465	-7.3	80	0.00
53 M	Dibromochloromethane	20.000	20.247	-1.2	75	0.00
54 M	1,2-Dibromoethane	20.000	20.779	-3.9	78	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.049	-2.0	81	0.00
56 M	Bromoform	20.000	19.417	2.9	75	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.857	-4.9	78	0.00
59 M	2-Hexanone	100.000	100.547	-0.5	73	0.00
60 S	4-Bromofluorobenzene	30.000	29.422	1.9	84	0.00
61 M	Tetrachloroethene	20.000	20.345	-1.7	77	0.00
62 M	Toluene	20.000	20.515	-2.6	79	0.00
63 S	Toluene-d8	30.000	29.833	0.6	84	0.00
64 M	Chlorobenzene	20.000	20.577	-2.9	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.357	-1.8	78	0.00
66 M	Ethyl Benzene	20.000	20.353	-1.8	78	0.00
67 M	m/p-Xylenes	40.000	41.129	-2.8	78	0.00
68 M	o-Xylene	20.000	20.780	-3.9	78	0.00
69 M	Styrene	20.000	20.276	-1.4	78	0.00
70	Isopropylbenzene	20.000	20.770	-3.8	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.369	-1.8	79	0.00
72	1,2,3-Trichloropropane	20.000	20.169	-0.8	77	0.00
73	Bromobenzene	20.000	20.251	-1.3	77	0.00
74	n-propylbenzene	20.000	20.222	-1.1	77	0.00
75	2-Chlorotoluene	20.000	20.394	-2.0	78	0.00
76	1,3,5-Trimethylbenzene	20.000	20.443	-2.2	77	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.188	9.1	77	0.00
78	4-Chlorotoluene	20.000	20.088	-0.4	77	0.00
79	tert-butylbenzene	20.000	20.422	-2.1	78	0.00
80	1,2,4-Trimethylbenzene	20.000	20.292	-1.5	77	0.00
81	sec-Butylbenzene	20.000	20.279	-1.4	77	0.00
82	p-Isopropyltoluene	20.000	19.983	0.1	76	0.00
83 M	1,3-Dichlorobenzene	20.000	20.003	-0.0	78	0.00
84 M	1,4-Dichlorobenzene	20.000	19.872	0.6	77	0.00
85	n-Butylbenzene	20.000	19.544	2.3	76	0.00
86 T	Hexachloroethane	20.000	18.838	5.8	74	0.00
87 M	1,2-Dichlorobenzene	20.000	20.450	-2.2	79	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.700	11.5	70	0.00
89	1,2,4-Trichlorobenzene	20.000	19.130	4.4	77	0.00
90	Hexachlorobutadiene	20.000	18.905	5.5	74	0.00
91 M	Naphthalene	20.000	19.171	4.1	76	0.00
92	1,2,3-Trichlorobenzene	20.000	19.162	4.2	75	0.00

(#) = Out of Range

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