

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX011822\
 Data File : VX026495.D
 Acq On : 18 Jan 2022 12:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 07:30:38 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	20.854	-4.3	79	0.00
3 M	Chloromethane	20.000	21.490	-7.4	85	0.00
4 M	Vinyl Chloride	20.000	21.082	-5.4	85	0.00
5 M	Bromomethane	20.000	22.495	-12.5	87	0.00
6 M	Chloroethane	20.000	21.697	-8.5	84	0.00
7 M	Trichlorofluoromethane	20.000	20.597	-3.0	82	0.00
8 T	Diethyl Ether	20.000	20.226	-1.1	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.455	-7.3	85	0.00
10 M	1,1-Dichloroethene	20.000	21.197	-6.0	86	0.00
11	Methyl Iodide	20.000	24.676	-23.4	109	0.00
12	Methyl Acetate	20.000	20.838	-4.2	85	0.00
13 M	Acrolein	100.000	111.952	-12.0	113	0.00
14 M	Acrylonitrile	100.000	105.288	-5.3	85	0.00
15 M	Acetone	100.000	116.258	-16.3	87	0.00
16 M	Carbon Disulfide	20.000	20.079	-0.4	82	0.00
17	Allyl chloride	20.000	20.569	-2.8	86	0.00
18 M	Methylene Chloride	20.000	20.607	-3.0	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.172	-5.9	87	0.00
20 T	Diisopropyl ether	20.000	20.987	-4.9	83	0.00
21 M	1,1-Dichloroethane	20.000	20.921	-4.6	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.030	-5.2	87	0.00
23 M	tert-Butyl Alcohol	100.000	97.717	2.3	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.348	-1.7	82	0.00
25 M	Chloroform	20.000	21.837	-9.2	88	0.00
26	Cyclohexane	20.000	20.889	-4.4	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.842	3.9	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	20.539	-2.7	85	0.00
30 M	2-Butanone	100.000	101.776	-1.8	81	0.00
31	2,2-Dichloropropane	20.000	19.052	4.7	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.935	0.3	82	0.00
33 M	Carbon Tetrachloride	20.000	20.123	-0.6	83	0.00
34 M	Benzene	20.000	21.046	-5.2	86	0.00
35	Methacrylonitrile	20.000	20.455	-2.3	84	-0.01
36 M	1,2-Dichloroethane	20.000	19.875	0.6	82	0.00
37 M	Trichloroethene	20.000	20.340	-1.7	84	0.00
38	Methylcyclohexane	20.000	21.055	-5.3	85	0.00
39 M	1,2-Dichloropropane	20.000	20.805	-4.0	85	0.00
40	Dibromomethane	20.000	20.620	-3.1	85	0.00
41 M	Bromodichloromethane	20.000	20.629	-3.1	84	0.00
42 M	Vinyl Acetate	100.000	102.588	-2.6	84	0.00
43	Ethyl Acetate	20.000	20.841	-4.2	86	0.00
44	Isopropyl Acetate	20.000	19.668	1.7	81	0.00
45 T	1,4-Dioxane	400.000	432.506	-8.1	89	0.00
46	Methyl methacrylate	20.000	20.033	-0.2	82	0.00
47	n-amyl Acetate	20.000	20.083	-0.4	82	0.00
48 M	t-1,3-Dichloropropene	20.000	19.588	2.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.419	-2.1	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.887	-4.4	85	0.00
51	Ethyl methacrylate	20.000	20.178	-0.9	83	0.00
52	1,3-Dichloropropane	20.000	20.954	-4.8	85	0.00
53 M	Dibromochloromethane	20.000	20.366	-1.8	83	0.00
54 M	1,2-Dibromoethane	20.000	20.422	-2.1	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.601	5.4	82	0.00
56 M	Bromoform	20.000	19.945	0.3	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.827	-4.8	83	0.00
59 M	2-Hexanone	100.000	105.617	-5.6	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.776	0.7	90	0.00
61 M	Tetrachloroethene	20.000	21.580	-7.9	87	0.00
62 M	Toluene	20.000	20.922	-4.6	85	0.00
63 S	Toluene-d8	30.000	30.015	-0.1	90	0.00
64 M	Chlorobenzene	20.000	20.886	-4.4	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.720	-3.6	84	0.00
66 M	Ethyl Benzene	20.000	20.833	-4.2	84	0.00
67 M	m/p-Xylenes	40.000	42.565	-6.4	86	0.00
68 M	o-Xylene	20.000	21.359	-6.8	85	0.00
69 M	Styrene	20.000	21.063	-5.3	87	0.00
70	Isopropylbenzene	20.000	21.133	-5.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.051	-5.3	87	0.00
72	1,2,3-Trichloropropane	20.000	21.304	-6.5	86	0.00
73	Bromobenzene	20.000	21.005	-5.0	85	0.00
74	n-propylbenzene	20.000	21.385	-6.9	87	0.00
75	2-Chlorotoluene	20.000	21.032	-5.2	85	0.00
76	1,3,5-Trimethylbenzene	20.000	21.118	-5.6	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.906	5.5	85	0.00
78	4-Chlorotoluene	20.000	21.132	-5.7	86	0.00
79	tert-butylbenzene	20.000	20.766	-3.8	84	0.00
80	1,2,4-Trimethylbenzene	20.000	20.854	-4.3	84	0.00
81	sec-Butylbenzene	20.000	21.264	-6.3	86	0.00
82	p-Isopropyltoluene	20.000	20.946	-4.7	85	0.00
83 M	1,3-Dichlorobenzene	20.000	21.008	-5.0	87	0.00
84 M	1,4-Dichlorobenzene	20.000	21.096	-5.5	87	0.00
85	n-Butylbenzene	20.000	21.064	-5.3	87	0.00
86 T	Hexachloroethane	20.000	19.994	0.0	84	0.00
87 M	1,2-Dichlorobenzene	20.000	21.025	-5.1	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.199	4.0	81	0.00
89	1,2,4-Trichlorobenzene	20.000	20.775	-3.9	89	0.00
90	Hexachlorobutadiene	20.000	20.596	-3.0	85	0.00
91 M	Naphthalene	20.000	20.419	-2.1	86	0.00
92	1,2,3-Trichlorobenzene	20.000	20.842	-4.2	87	0.00

(#) = Out of Range

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