

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028612.D
 Acq On : 11 May 2022 10:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 12 04:52:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 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	76	0.00
2 M	Dichlorodifluoromethane	20.000	20.095	-0.5	75	0.00
3 M	Chloromethane	20.000	20.737	-3.7	78	0.00
4 M	Vinyl Chloride	20.000	21.498	-7.5	81	0.00
5 M	Bromomethane	20.000	20.813	-4.1	81	0.00
6 M	Chloroethane	20.000	22.870	-14.4	88	0.00
7 M	Trichlorofluoromethane	20.000	21.843	-9.2	84	0.00
8 T	Diethyl Ether	20.000	21.833	-9.2	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.668	-3.3	83	0.00
10 M	1,1-Dichloroethene	20.000	20.551	-2.8	82	0.00
11	Methyl Iodide	20.000	18.262	8.7	77	0.00
12	Methyl Acetate	20.000	21.532	-7.7	82	0.00
13 M	Acrolein	100.000	82.061	17.9	65	0.00
14 M	Acrylonitrile	100.000	105.350	-5.3	79	0.00
15 M	Acetone	100.000	104.856	-4.9	79	0.00
16 M	Carbon Disulfide	20.000	21.707	-8.5	90	0.00
17	Allyl chloride	20.000	19.751	1.2	78	0.00
18 M	Methylene Chloride	20.000	20.848	-4.2	82	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.578	-2.9	80	0.00
20 T	Diisopropyl ether	20.000	20.684	-3.4	79	0.00
21 M	1,1-Dichloroethane	20.000	20.933	-4.7	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.306	-1.5	79	0.00
23 M	tert-Butyl Alcohol	100.000	94.354	5.6	72	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.150	-0.7	78	0.00
25 M	Chloroform	20.000	21.006	-5.0	81	0.00
26	Cyclohexane	20.000	20.297	-1.5	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.635	-5.5	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29	1,1-Dichloropropene	20.000	21.054	-5.3	80	0.00
30 M	2-Butanone	100.000	106.012	-6.0	78	0.00
31	2,2-Dichloropropane	20.000	19.092	4.5	75	0.00
32 M	1,1,1-Trichloroethane	20.000	20.994	-5.0	82	0.00
33 M	Carbon Tetrachloride	20.000	20.614	-3.1	80	0.00
34 M	Benzene	20.000	20.925	-4.6	80	0.00
35	Methacrylonitrile	20.000	20.832	-4.2	76	0.00
36 M	1,2-Dichloroethane	20.000	21.151	-5.8	80	0.00
37 M	Trichloroethene	20.000	20.697	-3.5	80	0.00
38	Methylcyclohexane	20.000	20.568	-2.8	78	0.00
39 M	1,2-Dichloropropane	20.000	21.514	-7.6	82	0.00
40	Dibromomethane	20.000	21.461	-7.3	81	0.00
41 M	Bromodichloromethane	20.000	21.725	-8.6	87	0.00
42 M	Vinyl Acetate	100.000	106.496	-6.5	80	0.00
43	Ethyl Acetate	20.000	20.416	-2.1	76	0.00
44	Isopropyl Acetate	20.000	19.910	0.4	77	0.00
45 T	1,4-Dioxane	400.000	436.289	-9.1	81	0.00
46	Methyl methacrylate	20.000	21.141	-5.7	81	0.00
47	n-amyl Acetate	20.000	20.322	-1.6	80	0.00
48 M	t-1,3-Dichloropropene	20.000	19.920	0.4	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.102	-0.5	79	0.00
50 M	1,1,2-Trichloroethane	20.000	21.299	-6.5	82	0.00
51	Ethyl methacrylate	20.000	20.316	-1.6	79	0.00
52	1,3-Dichloropropane	20.000	21.395	-7.0	82	0.00
53 M	Dibromochloromethane	20.000	20.756	-3.8	85	0.00
54 M	1,2-Dibromoethane	20.000	21.141	-5.7	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.578	0.4	77	0.00
56 M	Bromoform	20.000	20.087	-0.4	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	78	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.970	-7.0	81	0.00
59 M	2-Hexanone	100.000	106.164	-6.2	80	0.00
60 S	4-Bromofluorobenzene	30.000	29.876	0.4	78	0.00
61 M	Tetrachloroethene	20.000	19.952	0.2	79	0.00
62 M	Toluene	20.000	20.975	-4.9	82	0.00
63 S	Toluene-d8	30.000	30.787	-2.6	78	0.00
64 M	Chlorobenzene	20.000	20.760	-3.8	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.920	0.4	81	0.00
66 M	Ethyl Benzene	20.000	20.503	-2.5	80	0.00
67 M	m/p-Xylenes	40.000	41.470	-3.7	82	0.00
68 M	o-Xylene	20.000	20.202	-1.0	80	0.00
69 M	Styrene	20.000	20.359	-1.8	81	0.00
70	Isopropylbenzene	20.000	20.718	-3.6	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.476	-7.4	84	0.00
72	1,2,3-Trichloropropane	20.000	20.993	-5.0	81	0.00
73	Bromobenzene	20.000	19.893	0.5	81	0.00
74	n-propylbenzene	20.000	20.893	-4.5	83	0.00
75	2-Chlorotoluene	20.000	20.820	-4.1	82	0.00
76	1,3,5-Trimethylbenzene	20.000	20.969	-4.8	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.908	10.5	82	0.00
78	4-Chlorotoluene	20.000	20.551	-2.8	82	0.00
79	tert-butylbenzene	20.000	20.417	-2.1	83	0.00
80	1,2,4-Trimethylbenzene	20.000	20.983	-4.9	83	0.00
81	sec-Butylbenzene	20.000	21.121	-5.6	84	0.00
82	p-Isopropyltoluene	20.000	20.634	-3.2	83	0.00
83 M	1,3-Dichlorobenzene	20.000	20.366	-1.8	82	0.00
84 M	1,4-Dichlorobenzene	20.000	20.288	-1.4	82	0.00
85	n-Butylbenzene	20.000	20.646	-3.2	85	0.00
86 T	Hexachloroethane	20.000	20.685	-3.4	91	0.00
87 M	1,2-Dichlorobenzene	20.000	20.612	-3.1	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.808	1.0	82	0.00
89	1,2,4-Trichlorobenzene	20.000	19.735	1.3	82	0.00
90	Hexachlorobutadiene	20.000	20.191	-1.0	85	0.00
91 M	Naphthalene	20.000	18.881	5.6	76	0.00
92	1,2,3-Trichlorobenzene	20.000	19.737	1.3	83	0.00

(#) = Out of Range

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