

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026726.D
 Acq On : 02 Feb 2022 10:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 03 03:01:45 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	20.370	-1.9	65	0.00
3 M	Chloromethane	20.000	21.314	-6.6	71	0.00
4 M	Vinyl Chloride	20.000	19.725	1.4	67	0.00
5 M	Bromomethane	20.000	21.899	-9.5	72	0.00
6 M	Chloroethane	20.000	20.139	-0.7	66	0.00
7 M	Trichlorofluoromethane	20.000	19.083	4.6	64	0.00
8 T	Diethyl Ether	20.000	19.060	4.7	66	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.712	-3.6	69	0.00
10 M	1,1-Dichloroethene	20.000	20.401	-2.0	70	0.00
11	Methyl Iodide	20.000	24.856	-24.3	93	0.00
12	Methyl Acetate	20.000	20.463	-2.3	71	0.00
13 M	Acrolein	100.000	95.814	4.2	82	0.00
14 M	Acrylonitrile	100.000	106.553	-6.6	73	0.00
15 M	Acetone	100.000	134.772	-34.8#	86	0.00
16 M	Carbon Disulfide	20.000	18.795	6.0	65	0.00
17	Allyl chloride	20.000	19.482	2.6	69	0.00
18 M	Methylene Chloride	20.000	21.025	-5.1	72	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.441	-2.2	71	0.00
20 T	Diisopropyl ether	20.000	19.830	0.9	67	0.00
21 M	1,1-Dichloroethane	20.000	19.680	1.6	67	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.505	-2.5	72	0.00
23 M	tert-Butyl Alcohol	100.000	88.911	11.1	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.756	6.2	64	0.00
25 M	Chloroform	20.000	19.681	1.6	67	0.00
26	Cyclohexane	20.000	19.863	0.7	67	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.871	7.1	70	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	19.267	3.7	68	0.00
30 M	2-Butanone	100.000	109.752	-9.8	74	0.00
31	2,2-Dichloropropane	20.000	18.298	8.5	65	0.00
32 M	1,1,1-Trichloroethane	20.000	18.594	7.0	65	0.00
33 M	Carbon Tetrachloride	20.000	18.749	6.3	65	0.00
34 M	Benzene	20.000	20.349	-1.7	71	0.00
35	Methacrylonitrile	20.000	19.314	3.4	67	0.00
36 M	1,2-Dichloroethane	20.000	18.662	6.7	65	0.00
37 M	Trichloroethene	20.000	21.337	-6.7	74	0.00
38	Methylcyclohexane	20.000	20.157	-0.8	69	0.00
39 M	1,2-Dichloropropane	20.000	20.325	-1.6	70	0.00
40	Dibromomethane	20.000	20.482	-2.4	72	0.00
41 M	Bromodichloromethane	20.000	19.543	2.3	68	0.00
42 M	Vinyl Acetate	100.000	95.811	4.2	67	0.00
43	Ethyl Acetate	20.000	18.124	9.4	63	0.00
44	Isopropyl Acetate	20.000	18.520	7.4	65	0.00
45 T	1,4-Dioxane	400.000	396.404	0.9	69	0.00
46	Methyl methacrylate	20.000	18.917	5.4	65	0.00
47	n-amyl Acetate	20.000	19.582	2.1	68	0.00
48 M	t-1,3-Dichloropropene	20.000	19.239	3.8	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.611	1.9	69	0.00
50 M	1,1,2-Trichloroethane	20.000	21.571	-7.9	74	0.00
51	Ethyl methacrylate	20.000	20.095	-0.5	70	0.00
52	1,3-Dichloropropane	20.000	21.264	-6.3	73	0.00
53 M	Dibromochloromethane	20.000	20.431	-2.2	71	0.00
54 M	1,2-Dibromoethane	20.000	20.873	-4.4	73	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.493	-5.5	78	0.00
56 M	Bromoform	20.000	20.189	-0.9	73	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.635	2.4	69	0.00
59 M	2-Hexanone	100.000	101.931	-1.9	70	0.00
60 S	4-Bromofluorobenzene	30.000	28.983	3.4	78	0.00
61 M	Tetrachloroethene	20.000	22.439	-12.2	80	0.00
62 M	Toluene	20.000	20.286	-1.4	74	0.00
63 S	Toluene-d8	30.000	29.089	3.0	78	0.00
64 M	Chlorobenzene	20.000	20.616	-3.1	74	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.001	-0.0	72	0.00
66 M	Ethyl Benzene	20.000	19.947	0.3	72	0.00
67 M	m/p-Xylenes	40.000	41.226	-3.1	74	0.00
68 M	o-Xylene	20.000	20.909	-4.5	75	0.00
69 M	Styrene	20.000	20.615	-3.1	76	0.00
70	Isopropylbenzene	20.000	20.524	-2.6	73	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.733	6.3	69	0.00
72	1,2,3-Trichloropropane	20.000	19.923	0.4	72	0.00
73	Bromobenzene	20.000	20.666	-3.3	75	0.00
74	n-propylbenzene	20.000	20.467	-2.3	74	0.00
75	2-Chlorotoluene	20.000	20.365	-1.8	74	0.00
76	1,3,5-Trimethylbenzene	20.000	20.511	-2.6	74	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.575	7.1	74	0.00
78	4-Chlorotoluene	20.000	20.263	-1.3	73	0.00
79	tert-butylbenzene	20.000	19.955	0.2	72	0.00
80	1,2,4-Trimethylbenzene	20.000	20.470	-2.3	73	0.00
81	sec-Butylbenzene	20.000	20.860	-4.3	75	0.00
82	p-Isopropyltoluene	20.000	20.525	-2.6	74	0.00
83 M	1,3-Dichlorobenzene	20.000	20.511	-2.6	76	0.00
84 M	1,4-Dichlorobenzene	20.000	20.505	-2.5	76	0.00
85	n-Butylbenzene	20.000	20.090	-0.4	74	0.00
86 T	Hexachloroethane	20.000	19.010	4.9	71	0.00
87 M	1,2-Dichlorobenzene	20.000	20.497	-2.5	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.728	16.4	63	0.00
89	1,2,4-Trichlorobenzene	20.000	19.747	1.3	76	0.00
90	Hexachlorobutadiene	20.000	20.593	-3.0	76	0.00
91 M	Naphthalene	20.000	18.887	5.6	71	0.00
92	1,2,3-Trichlorobenzene	20.000	19.819	0.9	74	0.00

(#) = Out of Range

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