

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021537.D
 Acq On : 26 Mar 2021 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 04:53:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	105	0.00
2 M	Dichlorodifluoromethane	20.000	18.698	6.5	100	0.00
3 M	Chloromethane	20.000	18.188	9.1	100	0.00
4 M	Vinyl Chloride	20.000	18.528	7.4	105	0.00
5 M	Bromomethane	20.000	20.044	-0.2	107	0.00
6 M	Chloroethane	20.000	17.604	12.0	101	0.00
7 M	Trichlorofluoromethane	20.000	18.083	9.6	101	0.00
8 T	Diethyl Ether	20.000	17.495	12.5	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.882	10.6	102	0.00
10 M	1,1-Dichloroethene	20.000	17.085	14.6	95	0.00
11	Methyl Iodide	20.000	17.856	10.7	122	0.00
12	Methyl Acetate	20.000	19.711	1.4	107	0.00
13 M	Acrolein	100.000	84.435	15.6	96	0.00
14 M	Acrylonitrile	100.000	91.422	8.6	105	0.00
15 M	Acetone	100.000	95.112	4.9	108	0.00
16 M	Carbon Disulfide	20.000	17.631	11.8	101	0.00
17	Allyl chloride	20.000	17.989	10.1	103	0.00
18 M	Methylene Chloride	20.000	18.094	9.5	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.928	10.4	103	0.00
20 T	Diisopropyl ether	20.000	17.913	10.4	104	0.00
21 M	1,1-Dichloroethane	20.000	17.666	11.7	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.692	11.5	102	0.00
23 M	tert-Butyl Alcohol	100.000	90.614	9.4	108	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.884	10.6	104	0.00
25 M	Chloroform	20.000	17.750	11.3	102	0.00
26	Cyclohexane	20.000	17.632	11.8	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.453	1.8	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	18.274	8.6	102	0.00
30 M	2-Butanone	100.000	94.256	5.7	106	0.00
31	2,2-Dichloropropane	20.000	17.454	12.7	102	0.00
32 M	1,1,1-Trichloroethane	20.000	18.494	7.5	104	0.00
33 M	Carbon Tetrachloride	20.000	18.158	9.2	103	0.00
34 M	Benzene	20.000	18.259	8.7	101	0.00
35	Methacrylonitrile	20.000	18.659	6.7	107	0.00
36 M	1,2-Dichloroethane	20.000	19.034	4.8	104	0.00
37 M	Trichloroethene	20.000	18.683	6.6	105	0.00
38	Methylcyclohexane	20.000	18.041	9.8	104	0.00
39 M	1,2-Dichloropropane	20.000	18.784	6.1	106	0.00
40	Dibromomethane	20.000	18.154	9.2	100	0.00
41 M	Bromodichloromethane	20.000	18.044	9.8	102	0.00
42 M	Vinyl Acetate	100.000	89.733	10.3	103	0.00
43	Ethyl Acetate	20.000	18.751	6.2	104	0.00
44	Isopropyl Acetate	20.000	18.380	8.1	104	0.00
45 T	1,4-Dioxane	400.000	380.577	4.9	108	0.00
46	Methyl methacrylate	20.000	18.175	9.1	103	0.00
47	n-amyl Acetate	20.000	17.923	10.4	104	0.00
48 M	t-1,3-Dichloropropene	20.000	17.357	13.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.902	10.5	103	0.00
50 M	1,1,2-Trichloroethane	20.000	18.209	9.0	105	0.00
51	Ethyl methacrylate	20.000	17.698	11.5	105	0.00
52	1,3-Dichloropropane	20.000	18.587	7.1	103	0.00
53 M	Dibromochloromethane	20.000	18.006	10.0	105	0.00
54 M	1,2-Dibromoethane	20.000	18.620	6.9	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.641	11.4	99	0.00
56 M	Bromoform	20.000	17.737	11.3	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.595	5.4	105	0.00
59 M	2-Hexanone	100.000	95.778	4.2	107	0.00
60 S	4-Bromofluorobenzene	30.000	29.237	2.5	105	0.00
61 M	Tetrachloroethene	20.000	18.862	5.7	101	0.00
62 M	Toluene	20.000	18.204	9.0	101	0.00
63 S	Toluene-d8	30.000	30.619	-2.1	106	0.00
64 M	Chlorobenzene	20.000	18.308	8.5	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.703	11.5	105	0.00
66 M	Ethyl Benzene	20.000	18.291	8.5	105	0.00
67 M	m/p-Xylenes	40.000	35.778	10.6	101	0.00
68 M	o-Xylene	20.000	18.046	9.8	103	0.00
69 M	Styrene	20.000	17.717	11.4	103	0.00
70	Isopropylbenzene	20.000	17.947	10.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.769	6.2	104	0.00
72	1,2,3-Trichloropropane	20.000	18.473	7.6	104	0.00
73	Bromobenzene	20.000	17.778	11.1	100	0.00
74	n-propylbenzene	20.000	17.743	11.3	102	0.00
75	2-Chlorotoluene	20.000	17.876	10.6	102	0.00
76	1,3,5-Trimethylbenzene	20.000	18.313	8.4	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.885	15.6	108	0.00
78	4-Chlorotoluene	20.000	17.862	10.7	102	0.00
79	tert-butylbenzene	20.000	18.079	9.6	104	0.00
80	1,2,4-Trimethylbenzene	20.000	18.299	8.5	103	0.00
81	sec-Butylbenzene	20.000	18.367	8.2	108	0.00
82	p-Isopropyltoluene	20.000	17.888	10.6	105	0.00
83 M	1,3-Dichlorobenzene	20.000	17.560	12.2	102	0.00
84 M	1,4-Dichlorobenzene	20.000	18.151	9.2	107	0.00
85	n-Butylbenzene	20.000	17.527	12.4	107	0.00
86 T	Hexachloroethane	20.000	16.815	15.9	106	0.00
87 M	1,2-Dichlorobenzene	20.000	17.567	12.2	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.081	9.6	106	0.00
89	1,2,4-Trichlorobenzene	20.000	17.346	13.3	104	0.00
90	Hexachlorobutadiene	20.000	19.463	2.7	112	0.00
91 M	Naphthalene	20.000	17.582	12.1	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.452	7.7	107	0.00

(#) = Out of Range

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