

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023898.D
 Acq On : 20 Aug 2021 23:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 21 01:11:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 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	19.731	1.3	85	0.00
3 M	Chloromethane	20.000	17.931	10.3	77	0.00
4 M	Vinyl Chloride	20.000	18.696	6.5	82	0.00
5 M	Bromomethane	20.000	23.220	-16.1	88	0.00
6 M	Chloroethane	20.000	18.990	5.1	85	0.00
7 M	Trichlorofluoromethane	20.000	19.349	3.3	85	0.00
8 T	Diethyl Ether	20.000	18.783	6.1	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.172	4.1	84	0.00
10 M	1,1-Dichloroethene	20.000	18.898	5.5	84	0.00
11	Methyl Iodide	20.000	19.881	0.6	93	0.00
12	Methyl Acetate	20.000	20.708	-3.5	90	0.00
13 M	Acrolein	100.000	79.175	20.8	75	0.00
14 M	Acrylonitrile	100.000	98.541	1.5	85	0.00
15 M	Acetone	100.000	87.202	12.8	66	0.00
16 M	Carbon Disulfide	20.000	19.163	4.2	89	0.00
17	Allyl chloride	20.000	18.684	6.6	84	0.00
18 M	Methylene Chloride	20.000	19.296	3.5	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.395	3.0	87	0.00
20 T	Diisopropyl ether	20.000	19.608	2.0	86	0.00
21 M	1,1-Dichloroethane	20.000	20.121	-0.6	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.808	1.0	88	0.00
23 M	tert-Butyl Alcohol	100.000	93.704	6.3	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.427	-2.1	90	0.00
25 M	Chloroform	20.000	20.256	-1.3	90	0.00
26	Cyclohexane	20.000	19.138	4.3	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.615	-2.0	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	20.192	-1.0	91	0.00
30 M	2-Butanone	100.000	96.662	3.3	79	0.00
31	2,2-Dichloropropane	20.000	16.028	19.9	70	0.00
32 M	1,1,1-Trichloroethane	20.000	20.348	-1.7	90	0.00
33 M	Carbon Tetrachloride	20.000	19.932	0.3	89	0.00
34 M	Benzene	20.000	19.508	2.5	85	0.00
35	Methacrylonitrile	20.000	19.832	0.8	89	0.00
36 M	1,2-Dichloroethane	20.000	20.672	-3.4	90	0.00
37 M	Trichloroethene	20.000	20.106	-0.5	90	0.00
38	Methylcyclohexane	20.000	18.327	8.4	82	0.00
39 M	1,2-Dichloropropane	20.000	19.772	1.1	86	0.00
40	Dibromomethane	20.000	20.174	-0.9	88	0.00
41 M	Bromodichloromethane	20.000	20.002	-0.0	91	0.00
42 M	Vinyl Acetate	100.000	99.887	0.1	87	0.00
43	Ethyl Acetate	20.000	20.506	-2.5	88	0.00
44	Isopropyl Acetate	20.000	20.088	-0.4	89	0.00
45 T	1,4-Dioxane	400.000	383.088	4.2	79	0.00
46	Methyl methacrylate	20.000	20.230	-1.2	90	0.00
47	n-amyl Acetate	20.000	19.881	0.6	89	0.00
48 M	t-1,3-Dichloropropene	20.000	18.759	6.2	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.327	8.4	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.269	3.7	86	0.00
51	Ethyl methacrylate	20.000	19.217	3.9	89	0.00
52	1,3-Dichloropropane	20.000	20.035	-0.2	88	0.00
53 M	Dibromochloromethane	20.000	19.288	3.6	90	0.00
54 M	1,2-Dibromoethane	20.000	19.767	1.2	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.752	7.2	82	0.00
56 M	Bromoform	20.000	18.712	6.4	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.077	-3.1	86	0.00
59 M	2-Hexanone	100.000	105.422	-5.4	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.436	-1.5	88	0.00
61 M	Tetrachloroethene	20.000	20.507	-2.5	87	0.00
62 M	Toluene	20.000	20.157	-0.8	87	0.00
63 S	Toluene-d8	30.000	30.199	-0.7	83	0.00
64 M	Chlorobenzene	20.000	19.990	0.1	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.996	0.0	89	0.00
66 M	Ethyl Benzene	20.000	19.963	0.2	88	0.00
67 M	m/p-Xylenes	40.000	39.999	0.0	87	0.00
68 M	o-Xylene	20.000	20.084	-0.4	88	0.00
69 M	Styrene	20.000	20.069	-0.3	89	0.00
70	Isopropylbenzene	20.000	20.299	-1.5	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.848	-9.2	93	0.00
72	1,2,3-Trichloropropane	20.000	21.124	-5.6	88	0.00
73	Bromobenzene	20.000	20.438	-2.2	90	0.00
74	n-propylbenzene	20.000	20.078	-0.4	90	0.00
75	2-Chlorotoluene	20.000	20.399	-2.0	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.489	-2.4	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.279	13.6	78	0.00
78	4-Chlorotoluene	20.000	20.510	-2.6	92	0.00
79	tert-butylbenzene	20.000	20.660	-3.3	92	0.00
80	1,2,4-Trimethylbenzene	20.000	20.222	-1.1	88	0.00
81	sec-Butylbenzene	20.000	20.171	-0.9	90	0.00
82	p-Isopropyltoluene	20.000	20.165	-0.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.672	-3.4	92	0.00
84 M	1,4-Dichlorobenzene	20.000	21.435	-7.2	97	0.00
85	n-Butylbenzene	20.000	19.805	1.0	91	0.00
86 T	Hexachloroethane	20.000	18.959	5.2	90	0.00
87 M	1,2-Dichlorobenzene	20.000	21.468	-7.3	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.122	-10.6	107	0.00
89	1,2,4-Trichlorobenzene	20.000	21.304	-6.5	99	0.00
90	Hexachlorobutadiene	20.000	20.739	-3.7	93	0.00
91 M	Naphthalene	20.000	21.178	-5.9	97	0.00
92	1,2,3-Trichlorobenzene	20.000	20.573	-2.9	94	0.00

(#) = Out of Range

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