

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024066.D
 Acq On : 01 Sep 2021 15:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 02 07:10:23 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	78	0.00
2 M	Dichlorodifluoromethane	20.000	21.819	-9.1	89	0.00
3 M	Chloromethane	20.000	19.615	1.9	79	0.00
4 M	Vinyl Chloride	20.000	19.584	2.1	81	0.00
5 M	Bromomethane	20.000	23.507	-17.5	84	0.00
6 M	Chloroethane	20.000	19.590	2.1	82	0.00
7 M	Trichlorofluoromethane	20.000	20.309	-1.5	84	0.00
8 T	Diethyl Ether	20.000	18.738	6.3	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.046	-10.2	91	0.00
10 M	1,1-Dichloroethene	20.000	20.716	-3.6	87	0.00
11	Methyl Iodide	20.000	19.131	4.3	85	0.00
12	Methyl Acetate	20.000	21.640	-8.2	89	0.00
13 M	Acrolein	100.000	96.198	3.8	86	0.00
14 M	Acrylonitrile	100.000	104.225	-4.2	85	0.00
15 M	Acetone	100.000	90.075	9.9	64	0.00
16 M	Carbon Disulfide	20.000	20.090	-0.4	87	0.00
17	Allyl chloride	20.000	20.832	-4.2	88	0.00
18 M	Methylene Chloride	20.000	21.523	-7.6	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.750	-3.8	88	0.00
20 T	Diisopropyl ether	20.000	21.683	-8.4	90	0.00
21 M	1,1-Dichloroethane	20.000	22.033	-10.2	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.483	-7.4	90	0.00
23 M	tert-Butyl Alcohol	100.000	99.299	0.7	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.899	-9.5	91	0.00
25 M	Chloroform	20.000	22.578	-12.9	95	0.00
26	Cyclohexane	20.000	20.971	-4.9	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.707	-9.0	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	22.792	-14.0	96	0.00
30 M	2-Butanone	100.000	103.440	-3.4	79	0.00
31	2,2-Dichloropropane	20.000	21.340	-6.7	87	0.00
32 M	1,1,1-Trichloroethane	20.000	23.247	-16.2	96	0.00
33 M	Carbon Tetrachloride	20.000	23.844	-19.2	99	0.00
34 M	Benzene	20.000	21.581	-7.9	87	0.00
35	Methacrylonitrile	20.000	22.274	-11.4	93	0.00
36 M	1,2-Dichloroethane	20.000	23.892	-19.5	97	0.00
37 M	Trichloroethene	20.000	21.903	-9.5	91	0.00
38	Methylcyclohexane	20.000	21.317	-6.6	90	0.00
39 M	1,2-Dichloropropane	20.000	21.400	-7.0	87	0.00
40	Dibromomethane	20.000	22.596	-13.0	92	0.00
41 M	Bromodichloromethane	20.000	22.670	-13.4	96	0.00
42 M	Vinyl Acetate	100.000	110.712	-10.7	90	0.00
43	Ethyl Acetate	20.000	20.782	-3.9	83	0.00
44	Isopropyl Acetate	20.000	21.813	-9.1	91	0.00
45 T	1,4-Dioxane	400.000	382.704	4.3	74	0.00
46	Methyl methacrylate	20.000	22.004	-10.0	91	0.00
47	n-amyl Acetate	20.000	22.268	-11.3	93	0.00
48 M	t-1,3-Dichloropropene	20.000	21.537	-7.7	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.321	-6.6	89	0.00
50 M	1,1,2-Trichloroethane	20.000	21.754	-8.8	90	0.00
51	Ethyl methacrylate	20.000	20.954	-4.8	90	0.00
52	1,3-Dichloropropane	20.000	22.613	-13.1	93	0.00
53 M	Dibromochloromethane	20.000	21.387	-6.9	93	0.00
54 M	1,2-Dibromoethane	20.000	21.854	-9.3	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.938	-0.9	84	0.00
56 M	Bromoform	20.000	20.831	-4.2	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.646	-8.6	88	0.00
59 M	2-Hexanone	100.000	108.486	-8.5	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.892	-3.0	87	0.00
61 M	Tetrachloroethene	20.000	22.396	-12.0	92	0.00
62 M	Toluene	20.000	21.572	-7.9	90	0.00
63 S	Toluene-d8	30.000	29.841	0.5	80	0.00
64 M	Chlorobenzene	20.000	21.437	-7.2	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.984	-9.9	95	0.00
66 M	Ethyl Benzene	20.000	21.707	-8.5	93	0.00
67 M	m/p-Xylenes	40.000	43.181	-8.0	92	0.00
68 M	o-Xylene	20.000	20.944	-4.7	90	0.00
69 M	Styrene	20.000	21.425	-7.1	93	0.00
70	Isopropylbenzene	20.000	21.983	-9.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.006	-15.0	96	0.00
72	1,2,3-Trichloropropane	20.000	23.166	-15.8	94	0.00
73	Bromobenzene	20.000	21.996	-10.0	94	0.00
74	n-propylbenzene	20.000	21.654	-8.3	94	0.00
75	2-Chlorotoluene	20.000	22.574	-12.9	98	0.00
76	1,3,5-Trimethylbenzene	20.000	22.117	-10.6	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.984	0.1	88	0.00
78	4-Chlorotoluene	20.000	22.196	-11.0	97	0.00
79	tert-butylbenzene	20.000	21.948	-9.7	96	0.00
80	1,2,4-Trimethylbenzene	20.000	22.132	-10.7	94	0.00
81	sec-Butylbenzene	20.000	22.105	-10.5	96	0.00
82	p-Isopropyltoluene	20.000	22.193	-11.0	97	0.00
83 M	1,3-Dichlorobenzene	20.000	21.797	-9.0	95	0.00
84 M	1,4-Dichlorobenzene	20.000	21.846	-9.2	96	0.00
85	n-Butylbenzene	20.000	21.876	-9.4	98	0.00
86 T	Hexachloroethane	20.000	21.718	-8.6	101	0.00
87 M	1,2-Dichlorobenzene	20.000	22.360	-11.8	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.498	-7.5	101	0.00
89	1,2,4-Trichlorobenzene	20.000	21.126	-5.6	96	0.00
90	Hexachlorobutadiene	20.000	23.292	-16.5	102	0.00
91 M	Naphthalene	20.000	20.022	-0.1	89	0.00
92	1,2,3-Trichlorobenzene	20.000	21.246	-6.2	95	0.00

(#) = Out of Range

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