

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
 Data File : VX024055.D
 Acq On : 01 Sep 2021 09:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 02 07:05:55 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	17.665	11.7	76	0.00
3 M	Chloromethane	20.000	16.666	16.7	71	0.00
4 M	Vinyl Chloride	20.000	15.987	20.1	70	0.00
5 M	Bromomethane	20.000	19.978	0.1	76	0.00
6 M	Chloroethane	20.000	16.407	18.0	73	0.00
7 M	Trichlorofluoromethane	20.000	16.681	16.6	73	0.00
8 T	Diethyl Ether	20.000	18.454	7.7	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.654	6.7	81	0.00
10 M	1,1-Dichloroethene	20.000	17.135	14.3	76	0.00
11	Methyl Iodide	20.000	17.442	12.8	81	0.00
12	Methyl Acetate	20.000	21.776	-8.9	95	0.00
13 M	Acrolein	100.000	113.508	-13.5	107	0.00
14 M	Acrylonitrile	100.000	103.313	-3.3	89	0.00
15 M	Acetone	100.000	110.198	-10.2	83	0.00
16 M	Carbon Disulfide	20.000	16.471	17.6	76	0.00
17	Allyl chloride	20.000	19.100	4.5	85	0.00
18 M	Methylene Chloride	20.000	19.303	3.5	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.035	9.8	81	0.00
20 T	Diisopropyl ether	20.000	19.927	0.4	87	0.00
21 M	1,1-Dichloroethane	20.000	19.487	2.6	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.473	7.6	82	-0.01
23 M	tert-Butyl Alcohol	100.000	110.567	-10.6	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.764	-3.8	92	0.00
25 M	Chloroform	20.000	20.182	-0.9	90	0.00
26	Cyclohexane	20.000	17.304	13.5	76	-0.01
27 s	1,2-Dichloroethane-d4	30.000	33.057	-10.2	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	19.707	1.5	84	0.00
30 M	2-Butanone	100.000	117.312	-17.3	90	0.00
31	2,2-Dichloropropane	20.000	19.972	0.1	82	0.00
32 M	1,1,1-Trichloroethane	20.000	20.505	-2.5	85	0.00
33 M	Carbon Tetrachloride	20.000	20.577	-2.9	86	0.00
34 M	Benzene	20.000	20.122	-0.6	82	0.00
35	Methacrylonitrile	20.000	23.001	-15.0	97	0.00
36 M	1,2-Dichloroethane	20.000	24.042	-20.2	99	0.00
37 M	Trichloroethene	20.000	19.669	1.7	82	0.00
38	Methylcyclohexane	20.000	18.410	7.9	78	0.00
39 M	1,2-Dichloropropane	20.000	21.099	-5.5	87	0.00
40	Dibromomethane	20.000	22.088	-10.4	91	0.00
41 M	Bromodichloromethane	20.000	21.888	-9.4	93	0.00
42 M	Vinyl Acetate	100.000	110.356	-10.4	90	0.00
43	Ethyl Acetate	20.000	22.052	-10.3	89	0.00
44	Isopropyl Acetate	20.000	22.132	-10.7	92	0.00
45 T	1,4-Dioxane	400.000	438.880	-9.7	85	0.00
46	Methyl methacrylate	20.000	22.123	-10.6	92	0.00
47	n-amyl Acetate	20.000	21.793	-9.0	92	0.00
48 M	t-1,3-Dichloropropene	20.000	20.770	-3.8	90	0.00

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49 T	cis-1,3-Dichloropropene	20.000	20.989	-4.9	88	0.00
50 M	1,1,2-Trichloroethane	20.000	21.535	-7.7	90	0.00
51	Ethyl methacrylate	20.000	21.299	-6.5	92	0.00
52	1,3-Dichloropropane	20.000	22.047	-10.2	91	0.00
53 M	Dibromochloromethane	20.000	20.431	-2.2	90	0.00
54 M	1,2-Dibromoethane	20.000	21.685	-8.4	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.643	2.4	81	0.00
56 M	Bromoform	20.000	20.218	-1.1	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	113.447	-13.4	92	0.00
59 M	2-Hexanone	100.000	114.533	-14.5	91	0.00
60 S	4-Bromofluorobenzene	30.000	30.826	-2.8	87	0.00
61 M	Tetrachloroethene	20.000	20.370	-1.9	84	0.00
62 M	Toluene	20.000	19.926	0.4	84	0.00
63 S	Toluene-d8	30.000	29.742	0.9	80	0.00
64 M	Chlorobenzene	20.000	19.845	0.8	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.553	-2.8	89	0.00
66 M	Ethyl Benzene	20.000	19.539	2.3	84	0.00
67 M	m/p-Xylenes	40.000	39.843	0.4	85	0.00
68 M	o-Xylene	20.000	20.134	-0.7	86	0.00
69 M	Styrene	20.000	20.101	-0.5	87	0.00
70	Isopropylbenzene	20.000	19.765	1.2	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.172	-10.9	92	0.00
72	1,2,3-Trichloropropane	20.000	22.558	-12.8	91	0.00
73	Bromobenzene	20.000	20.893	-4.5	90	0.00
74	n-propylbenzene	20.000	19.994	0.0	87	0.00
75	2-Chlorotoluene	20.000	20.779	-3.9	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.754	-3.8	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.776	1.1	87	0.00
78	4-Chlorotoluene	20.000	20.794	-4.0	91	0.00
79	tert-butylbenzene	20.000	20.067	-0.3	87	0.00
80	1,2,4-Trimethylbenzene	20.000	20.578	-2.9	87	0.00
81	sec-Butylbenzene	20.000	19.901	0.5	87	0.00
82	p-Isopropyltoluene	20.000	20.596	-3.0	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.971	-4.9	91	0.00
84 M	1,4-Dichlorobenzene	20.000	21.093	-5.5	93	0.00
85	n-Butylbenzene	20.000	19.957	0.2	89	0.00
86 T	Hexachloroethane	20.000	18.827	5.9	88	0.00
87 M	1,2-Dichlorobenzene	20.000	21.567	-7.8	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.486	-17.4	111	0.00
89	1,2,4-Trichlorobenzene	20.000	21.145	-5.7	96	0.00
90	Hexachlorobutadiene	20.000	21.677	-8.4	94	0.00
91 M	Naphthalene	20.000	21.030	-5.2	94	0.00
92	1,2,3-Trichlorobenzene	20.000	21.322	-6.6	96	0.00

(#) = Out of Range

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