

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026444.D
 Acq On : 14 Jan 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 17 05:54:03 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	21.659	-8.3	80	0.00
3 M	Chloromethane	20.000	21.757	-8.8	84	0.00
4 M	Vinyl Chloride	20.000	20.893	-4.5	82	0.00
5 M	Bromomethane	20.000	21.589	-7.9	82	0.00
6 M	Chloroethane	20.000	21.168	-5.8	80	0.00
7 M	Trichlorofluoromethane	20.000	20.464	-2.3	79	0.00
8 T	Diethyl Ether	20.000	20.422	-2.1	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.233	-6.2	82	0.00
10 M	1,1-Dichloroethene	20.000	20.690	-3.5	82	0.00
11	Methyl Iodide	20.000	21.404	-7.0	92	0.00
12	Methyl Acetate	20.000	20.759	-3.8	83	0.00
13 M	Acrolein	100.000	88.758	11.2	88	0.00
14 M	Acrylonitrile	100.000	105.954	-6.0	84	0.00
15 M	Acetone	100.000	146.289	-46.3#	107	0.00
16 M	Carbon Disulfide	20.000	20.331	-1.7	81	0.00
17	Allyl chloride	20.000	20.651	-3.3	84	0.00
18 M	Methylene Chloride	20.000	20.563	-2.8	82	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.366	-6.8	86	0.00
20 T	Diisopropyl ether	20.000	20.620	-3.1	80	0.00
21 M	1,1-Dichloroethane	20.000	20.511	-2.6	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.486	-2.4	83	0.00
23 M	tert-Butyl Alcohol	100.000	101.753	-1.8	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.093	-0.5	79	0.00
25 M	Chloroform	20.000	20.681	-3.4	81	0.00
26	Cyclohexane	20.000	20.785	-3.9	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.127	-0.4	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	20.467	-2.3	83	0.00
30 M	2-Butanone	100.000	118.352	-18.4	92	0.00
31	2,2-Dichloropropane	20.000	19.212	3.9	79	0.00
32 M	1,1,1-Trichloroethane	20.000	20.082	-0.4	80	0.00
33 M	Carbon Tetrachloride	20.000	20.268	-1.3	81	0.00
34 M	Benzene	20.000	20.554	-2.8	82	0.00
35	Methacrylonitrile	20.000	20.711	-3.6	82	0.00
36 M	1,2-Dichloroethane	20.000	20.538	-2.7	82	0.00
37 M	Trichloroethene	20.000	20.250	-1.3	81	0.00
38	Methylcyclohexane	20.000	20.480	-2.4	80	0.00
39 M	1,2-Dichloropropane	20.000	20.569	-2.8	81	0.00
40	Dibromomethane	20.000	20.722	-3.6	83	0.00
41 M	Bromodichloromethane	20.000	20.462	-2.3	81	0.00
42 M	Vinyl Acetate	100.000	100.542	-0.5	80	0.00
43	Ethyl Acetate	20.000	20.256	-1.3	81	0.00
44	Isopropyl Acetate	20.000	19.794	1.0	80	0.00
45 T	1,4-Dioxane	400.000	489.294	-22.3	98	0.00
46	Methyl methacrylate	20.000	20.035	-0.2	80	0.00
47	n-amyl Acetate	20.000	20.261	-1.3	81	0.00
48 M	t-1,3-Dichloropropene	20.000	19.642	1.8	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.928	0.4	81	0.00
50 M	1,1,2-Trichloroethane	20.000	21.132	-5.7	83	0.00
51	Ethyl methacrylate	20.000	19.964	0.2	79	0.00
52	1,3-Dichloropropane	20.000	20.992	-5.0	83	0.00
53 M	Dibromochloromethane	20.000	20.877	-4.4	83	0.00
54 M	1,2-Dibromoethane	20.000	20.283	-1.4	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.578	-1.6	86	0.00
56 M	Bromoform	20.000	21.277	-6.4	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.274	-7.3	84	0.00
59 M	2-Hexanone	100.000	115.642	-15.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	31.003	-3.3	93	0.00
61 M	Tetrachloroethene	20.000	20.193	-1.0	80	0.00
62 M	Toluene	20.000	20.430	-2.1	82	0.00
63 S	Toluene-d8	30.000	30.254	-0.8	90	0.00
64 M	Chlorobenzene	20.000	20.873	-4.4	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.669	-3.3	83	0.00
66 M	Ethyl Benzene	20.000	20.703	-3.5	83	0.00
67 M	m/p-Xylenes	40.000	42.455	-6.1	84	0.00
68 M	o-Xylene	20.000	21.316	-6.6	84	0.00
69 M	Styrene	20.000	21.184	-5.9	86	0.00
70	Isopropylbenzene	20.000	21.286	-6.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.032	-10.2	90	0.00
72	1,2,3-Trichloropropane	20.000	22.390	-12.0	90	0.00
73	Bromobenzene	20.000	21.288	-6.4	85	0.00
74	n-propylbenzene	20.000	21.286	-6.4	85	0.00
75	2-Chlorotoluene	20.000	21.453	-7.3	86	0.00
76	1,3,5-Trimethylbenzene	20.000	21.463	-7.3	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.054	-0.3	89	0.00
78	4-Chlorotoluene	20.000	21.544	-7.7	86	0.00
79	tert-butylbenzene	20.000	21.497	-7.5	86	0.00
80	1,2,4-Trimethylbenzene	20.000	21.322	-6.6	84	0.00
81	sec-Butylbenzene	20.000	21.726	-8.6	87	0.00
82	p-Isopropyltoluene	20.000	21.752	-8.8	87	0.00
83 M	1,3-Dichlorobenzene	20.000	22.236	-11.2	91	0.00
84 M	1,4-Dichlorobenzene	20.000	21.832	-9.2	89	0.00
85	n-Butylbenzene	20.000	21.697	-8.5	88	0.00
86 T	Hexachloroethane	20.000	21.022	-5.1	87	0.00
87 M	1,2-Dichlorobenzene	20.000	22.024	-10.1	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.468	-7.3	89	0.00
89	1,2,4-Trichlorobenzene	20.000	21.396	-7.0	91	0.00
90	Hexachlorobutadiene	20.000	21.516	-7.6	88	0.00
91 M	Naphthalene	20.000	21.030	-5.2	88	0.00
92	1,2,3-Trichlorobenzene	20.000	21.369	-6.8	88	0.00

(#) = Out of Range

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