

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027291.D
 Acq On : 04 Mar 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 01:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 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	110	-0.01
2 M	Dichlorodifluoromethane	20.000	19.197	4.0	101	0.00
3 M	Chloromethane	20.000	18.850	5.7	100	0.00
4 M	Vinyl Chloride	20.000	18.979	5.1	102	0.00
5 M	Bromomethane	20.000	20.481	-2.4	102	0.00
6 M	Chloroethane	20.000	19.214	3.9	105	0.00
7 M	Trichlorofluoromethane	20.000	19.974	0.1	109	0.00
8 T	Diethyl Ether	20.000	19.201	4.0	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.706	1.5	106	0.00
10 M	1,1-Dichloroethene	20.000	19.448	2.8	107	0.00
11	Methyl Iodide	20.000	14.815	25.9#	93	0.00
12	Methyl Acetate	20.000	18.149	9.3	99	0.00
13 M	Acrolein	100.000	104.659	-4.7	120	0.00
14 M	Acrylonitrile	100.000	90.157	9.8	98	0.00
15 M	Acetone	100.000	114.524	-14.5	119	0.00
16 M	Carbon Disulfide	20.000	19.406	3.0	107	0.00
17	Allyl chloride	20.000	18.765	6.2	102	0.00
18 M	Methylene Chloride	20.000	18.139	9.3	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.458	2.7	107	0.00
20 T	Diisopropyl ether	20.000	18.849	5.8	102	0.00
21 M	1,1-Dichloroethane	20.000	18.606	7.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.099	4.5	104	0.00
23 M	tert-Butyl Alcohol	100.000	78.619	21.4	89	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.815	5.9	102	0.00
25 M	Chloroform	20.000	18.656	6.7	101	0.00
26	Cyclohexane	20.000	19.565	2.2	108	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.856	0.5	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	19.473	2.6	107	0.00
30 M	2-Butanone	100.000	96.474	3.5	103	-0.01
31	2,2-Dichloropropane	20.000	18.961	5.2	107	0.00
32 M	1,1,1-Trichloroethane	20.000	19.060	4.7	105	0.00
33 M	Carbon Tetrachloride	20.000	19.411	2.9	108	0.00
34 M	Benzene	20.000	19.117	4.4	103	0.00
35	Methacrylonitrile	20.000	17.696	11.5	95	-0.01
36 M	1,2-Dichloroethane	20.000	18.918	5.4	102	0.00
37 M	Trichloroethene	20.000	18.969	5.2	106	0.00
38	Methylcyclohexane	20.000	19.791	1.0	110	0.00
39 M	1,2-Dichloropropane	20.000	18.918	5.4	104	0.00
40	Dibromomethane	20.000	18.298	8.5	102	0.00
41 M	Bromodichloromethane	20.000	18.485	7.6	103	0.00
42 M	Vinyl Acetate	100.000	93.253	6.7	101	0.00
43	Ethyl Acetate	20.000	18.189	9.1	101	-0.01
44	Isopropyl Acetate	20.000	17.866	10.7	99	0.00
45 T	1,4-Dioxane	400.000	324.736	18.8	88	0.00
46	Methyl methacrylate	20.000	18.077	9.6	99	0.00
47	n-amyl Acetate	20.000	16.886	15.6	95	0.00
48 M	t-1,3-Dichloropropene	20.000	17.227	13.9	100	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.001	10.0	100	0.00
50 M	1,1,2-Trichloroethane	20.000	18.263	8.7	102	0.00
51	Ethyl methacrylate	20.000	17.191	14.0	98	0.00
52	1,3-Dichloropropane	20.000	18.260	8.7	101	0.00
53 M	Dibromochloromethane	20.000	17.921	10.4	102	0.00
54 M	1,2-Dibromoethane	20.000	17.405	13.0	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.594	4.4	106	0.00
56 M	Bromoform	20.000	16.240	18.8	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.280	8.7	94	0.00
59 M	2-Hexanone	100.000	93.440	6.6	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.597	1.3	106	0.00
61 M	Tetrachloroethene	20.000	20.240	-1.2	104	0.00
62 M	Toluene	20.000	19.173	4.1	100	0.00
63 S	Toluene-d8	30.000	30.374	-1.2	100	0.00
64 M	Chlorobenzene	20.000	18.918	5.4	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.088	4.6	103	0.00
66 M	Ethyl Benzene	20.000	18.964	5.2	99	0.00
67 M	m/p-Xylenes	40.000	37.789	5.5	99	0.00
68 M	o-Xylene	20.000	18.548	7.3	97	0.00
69 M	Styrene	20.000	18.322	8.4	96	0.00
70	Isopropylbenzene	20.000	18.927	5.4	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.903	10.5	94	0.00
72	1,2,3-Trichloropropane	20.000	17.437	12.8	91	0.00
73	Bromobenzene	20.000	18.457	7.7	97	0.00
74	n-propylbenzene	20.000	18.875	5.6	100	0.00
75	2-Chlorotoluene	20.000	18.848	5.8	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.023	4.9	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.113	14.4	100	0.00
78	4-Chlorotoluene	20.000	18.600	7.0	98	0.00
79	tert-butylbenzene	20.000	18.762	6.2	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.739	6.3	99	0.00
81	sec-Butylbenzene	20.000	18.836	5.8	101	0.00
82	p-Isopropyltoluene	20.000	18.348	8.3	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.849	5.8	101	0.00
84 M	1,4-Dichlorobenzene	20.000	18.585	7.1	101	0.00
85	n-Butylbenzene	20.000	18.979	5.1	103	0.00
86 T	Hexachloroethane	20.000	17.331	13.3	97	0.00
87 M	1,2-Dichlorobenzene	20.000	18.432	7.8	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.303	18.5	90	0.00
89	1,2,4-Trichlorobenzene	20.000	17.906	10.5	98	0.00
90	Hexachlorobutadiene	20.000	18.968	5.2	103	0.00
91 M	Naphthalene	20.000	17.708	11.5	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.455	12.7	96	0.00

(#) = Out of Range

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