

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015555.D
 Acq On : 07 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 08 04:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	95	0.00
2 M	Dichlorodifluoromethane	20.000	17.359	13.2	90	0.00
3 M	Chloromethane	20.000	17.831	10.8	95	0.00
4 M	Vinyl Chloride	20.000	18.946	5.3	98	0.00
5 M	Bromomethane	20.000	22.402	-12.0	92	0.00
6 M	Chloroethane	20.000	20.685	-3.4	104	0.00
7 M	Trichlorofluoromethane	20.000	19.175	4.1	97	0.00
8 T	Diethyl Ether	20.000	21.058	-5.3	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.926	5.4	95	0.00
10 M	1,1-Dichloroethene	20.000	19.066	4.7	96	0.00
11	Methyl Iodide	20.000	14.163	29.2	76	0.00
12	Methyl Acetate	20.000	20.154	-0.8	101	0.00
13 M	Acrolein	100.000	129.197	-29.2	128	0.00
14 M	Acrylonitrile	100.000	100.221	-0.2	99	0.00
15 M	Acetone	100.000	100.484	-0.5	98	0.00
16 M	Carbon Disulfide	20.000	18.683	6.6	94	0.00
17	Allyl chloride	20.000	18.109	9.5	91	0.00
18 M	Methylene Chloride	20.000	19.672	1.6	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.646	1.8	98	0.00
20 T	Diisopropyl ether	20.000	19.724	1.4	97	0.00
21 M	1,1-Dichloroethane	20.000	19.745	1.3	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.362	3.2	98	0.00
23 M	tert-Butyl Alcohol	100.000	94.462	5.5	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.694	1.5	98	0.00
25 M	Chloroform	20.000	19.857	0.7	100	0.00
26	Cyclohexane	20.000	18.509	7.5	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.964	-6.5	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.341	3.3	98	0.00
30 M	2-Butanone	100.000	97.632	2.4	97	0.00
31	2,2-Dichloropropane	20.000	16.740	16.3	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.088	4.6	95	0.00
33 M	Carbon Tetrachloride	20.000	18.768	6.2	94	0.00
34 M	Benzene	20.000	19.199	4.0	96	0.00
35	Methacrylonitrile	20.000	19.408	3.0	97	0.00
36 M	1,2-Dichloroethane	20.000	20.328	-1.6	99	0.00
37 M	Trichloroethene	20.000	19.148	4.3	96	0.00
38	Methylcyclohexane	20.000	17.880	10.6	89	0.00
39 M	1,2-Dichloropropane	20.000	18.981	5.1	95	0.00
40	Dibromomethane	20.000	19.049	4.8	96	0.00
41 M	Bromodichloromethane	20.000	19.001	5.0	96	0.00
42 M	Vinyl Acetate	100.000	99.927	0.1	96	0.00
43	Ethyl Acetate	20.000	18.145	9.3	98	0.00
44	Isopropyl Acetate	20.000	19.037	4.8	95	0.00
45 T	1,4-Dioxane	400.000	360.658	9.8	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.046	4.8	95	0.00
47	n-amyl Acetate	20.000	19.014	4.9	97	0.00
48 M	t-1,3-Dichloropropene	20.000	17.911	10.4	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.399	8.0	92	0.00
50 M	1,1,2-Trichloroethane	20.000	19.476	2.6	98	0.00
51	Ethyl methacrylate	20.000	18.952	5.2	97	0.00
52	1,3-Dichloropropane	20.000	19.783	1.1	98	0.00
53 M	Dibromochloromethane	20.000	18.194	9.0	92	0.00
54 M	1,2-Dibromoethane	20.000	19.400	3.0	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.792	1.2	96	0.00
56 M	Bromoform	20.000	17.528	12.4	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.668	-0.7	98	0.00
59 M	2-Hexanone	100.000	99.387	0.6	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.925	-3.1	100	0.00
61 M	Tetrachloroethene	20.000	18.860	5.7	96	0.00
62 M	Toluene	20.000	19.479	2.6	98	0.00
63 S	Toluene-d8	30.000	30.215	-0.7	97	0.00
64 M	Chlorobenzene	20.000	19.293	3.5	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.631	6.8	97	0.00
66 M	Ethyl Benzene	20.000	19.550	2.2	98	0.00
67 M	m/p-Xylenes	40.000	38.477	3.8	98	0.00
68 M	o-Xylene	20.000	18.840	5.8	96	0.00
69 M	Styrene	20.000	19.251	3.7	98	0.00
70	Isopropylbenzene	20.000	19.577	2.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.385	3.1	100	0.00
72	1,2,3-Trichloropropane	20.000	19.413	2.9	98	0.00
73	Bromobenzene	20.000	18.590	7.1	97	0.00
74	n-propylbenzene	20.000	19.421	2.9	97	0.00
75	2-Chlorotoluene	20.000	19.483	2.6	98	0.00
76	1,3,5-Trimethylbenzene	20.000	19.197	4.0	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.819	20.9	81	0.00
78	4-Chlorotoluene	20.000	19.726	1.4	99	0.00
79	tert-butylbenzene	20.000	18.795	6.0	96	0.00
80	1,2,4-Trimethylbenzene	20.000	19.265	3.7	97	0.00
81	sec-Butylbenzene	20.000	19.216	3.9	97	0.00
82	p-Isopropyltoluene	20.000	19.111	4.4	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.078	4.6	100	0.00
84 M	1,4-Dichlorobenzene	20.000	19.536	2.3	102	0.00
85	n-Butylbenzene	20.000	19.120	4.4	98	0.00
86 T	Hexachloroethane	20.000	18.169	9.2	97	0.00
87 M	1,2-Dichlorobenzene	20.000	18.723	6.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.548	7.3	94	0.00
89	1,2,4-Trichlorobenzene	20.000	18.263	8.7	100	0.00
90	Hexachlorobutadiene	20.000	15.417	22.9	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.686	1.6	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.934	5.3	102	0.00

(#) = Out of Range

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