

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX120719\
 Data File : VX013844.D
 Acq On : 07 Dec 2019 16:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 09 03:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	19.219	3.9	80	0.00
3 M	Chloromethane	20.000	18.819	5.9	79	0.00
4 M	Vinyl Chloride	20.000	19.154	4.2	81	0.00
5 M	Bromomethane	20.000	13.206	34.0#	63	0.00
6 M	Chloroethane	20.000	19.428	2.9	84	0.00
7 M	Trichlorofluoromethane	20.000	18.834	5.8	82	0.00
8 T	Diethyl Ether	20.000	19.547	2.3	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.996	0.0	86	0.00
10 M	1,1-Dichloroethene	20.000	19.428	2.9	85	0.00
11	Methyl Iodide	20.000	10.732	46.3#	49	0.00
12	Methyl Acetate	20.000	19.391	3.0	84	0.00
13 M	Acrolein	100.000	99.061	0.9	86	0.00
14 M	Acrylonitrile	100.000	90.810	9.2	79	0.00
15 M	Acetone	100.000	78.955	21.0	60	0.00
16 M	Carbon Disulfide	20.000	17.921	10.4	79	0.00
17	Allyl chloride	20.000	18.396	8.0	80	0.00
18 M	Methylene Chloride	20.000	19.738	1.3	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.809	6.0	83	0.00
20 T	Diisopropyl ether	20.000	19.826	0.9	86	0.00
21 M	1,1-Dichloroethane	20.000	19.646	1.8	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.429	2.9	85	0.00
23 M	tert-Butyl Alcohol	100.000	70.590	29.4	65	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.348	3.3	84	0.00
25 M	Chloroform	20.000	19.536	2.3	85	0.00
26	Cyclohexane	20.000	19.198	4.0	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.590	4.7	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	20.031	-0.2	85	0.00
30 M	2-Butanone	100.000	88.730	11.3	71	0.00
31	2,2-Dichloropropane	20.000	19.815	0.9	82	0.00
32 M	1,1,1-Trichloroethane	20.000	20.070	-0.4	84	0.00
33 M	Carbon Tetrachloride	20.000	19.586	2.1	81	0.00
34 M	Benzene	20.000	20.678	-3.4	86	0.00
35	Methacrylonitrile	20.000	19.724	1.4	81	0.00
36 M	1,2-Dichloroethane	20.000	20.290	-1.4	84	0.00
37 M	Trichloroethene	20.000	20.145	-0.7	85	0.00
38	Methylcyclohexane	20.000	19.766	1.2	83	0.00
39 M	1,2-Dichloropropane	20.000	20.408	-2.0	86	0.00
40	Dibromomethane	20.000	20.165	-0.8	84	0.00
41 M	Bromodichloromethane	20.000	19.521	2.4	81	0.00
42 M	Vinyl Acetate	100.000	99.505	0.5	83	0.00
43	Ethyl Acetate	20.000	18.741	6.3	77	0.00
44	Isopropyl Acetate	20.000	19.319	3.4	82	0.00
45 T	1,4-Dioxane	400.000	250.005	37.5#	53	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.237	3.8	82	0.00
47	n-amyl Acetate	20.000	19.386	3.1	84	0.00
48 M	t-1,3-Dichloropropene	20.000	19.001	5.0	83	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.650	1.8	83	0.00
50 M	1,1,2-Trichloroethane	20.000	19.975	0.1	82	0.00
51	Ethyl methacrylate	20.000	19.671	1.6	85	0.00
52	1,3-Dichloropropane	20.000	20.448	-2.2	84	0.00
53 M	Dibromochloromethane	20.000	19.720	1.4	85	0.00
54 M	1,2-Dibromoethane	20.000	19.867	0.7	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.229	14.8	70	0.00
56 M	Bromoform	20.000	18.156	9.2	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.680	3.3	80	0.00
59 M	2-Hexanone	100.000	93.163	6.8	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.919	0.3	81	0.00
61 M	Tetrachloroethene	20.000	20.071	-0.4	85	0.00
62 M	Toluene	20.000	20.505	-2.5	84	0.00
63 S	Toluene-d8	30.000	30.195	-0.7	80	0.00
64 M	Chlorobenzene	20.000	20.774	-3.9	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.117	-0.6	85	0.00
66 M	Ethyl Benzene	20.000	20.554	-2.8	86	0.00
67 M	m/p-Xylenes	40.000	40.539	-1.3	85	0.00
68 M	o-Xylene	20.000	20.651	-3.3	88	0.00
69 M	Styrene	20.000	20.143	-0.7	85	0.00
70	Isopropylbenzene	20.000	20.719	-3.6	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.089	-0.4	84	0.00
72	1,2,3-Trichloropropane	20.000	21.376	-6.9	96	0.00
73	Bromobenzene	20.000	20.479	-2.4	87	0.00
74	n-propylbenzene	20.000	20.606	-3.0	87	0.00
75	2-Chlorotoluene	20.000	20.481	-2.4	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.296	-1.5	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.201	14.0	77	0.00
78	4-Chlorotoluene	20.000	20.303	-1.5	87	0.00
79	tert-butylbenzene	20.000	20.268	-1.3	85	0.00
80	1,2,4-Trimethylbenzene	20.000	20.336	-1.7	86	0.00
81	sec-Butylbenzene	20.000	20.458	-2.3	87	0.00
82	p-Isopropyltoluene	20.000	20.172	-0.9	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.231	-1.2	88	0.00
84 M	1,4-Dichlorobenzene	20.000	20.488	-2.4	89	0.00
85	n-Butylbenzene	20.000	19.997	0.0	87	0.00
86 T	Hexachloroethane	20.000	18.788	6.1	84	0.00
87 M	1,2-Dichlorobenzene	20.000	20.419	-2.1	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.345	8.3	81	0.00
89	1,2,4-Trichlorobenzene	20.000	19.858	0.7	88	0.00
90	Hexachlorobutadiene	20.000	18.407	8.0	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.658	1.7	85	0.00
92	1,2,3-Trichlorobenzene	20.000	19.804	1.0	86	0.00

(#) = Out of Range

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