Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112019\
Data File : VU035790.D
Acq On : 20 Nov 2019 15:35
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05050

Quant Time: Nov 21 04:12:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	697056	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	684147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	321024	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	230741	40.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.98%			
7) Chloroethane-d5	1.93	69	192975	42.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.84%			
11) 1,1-Dichloroethene-d2	2.59	63	417660	47.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.40%			
21) 2-Butanone-d5	4.69	46	369816	112.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.45%			
24) Chloroform-d	5.11	84	441391	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.52%			
26) 1,2-Dichloroethane-d4	5.75	65	291068	54.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.30%			
32) Benzene-d6	5.77	84	850812	47.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.42%			
36) 1,2-Dichloropropane-d6	6.73	67	286422	49.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.06%			
41) Toluene-d8	7.93	98	787778	46.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.66%			
43) trans-1,3-Dichloropropene-	8.21	79	132915	49.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.78%			
47) 2-Hexanone-d5	8.67	63	231662	104.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.52%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	418730	50.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.82%			
64) 1,2-Dichlorobenzene-d4	12.22	152	273416	42.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	268947	49.474	ug/L	98
3) Chloromethane	1.54	50	320977	54.178	ug/L	100
5) Vinyl chloride	1.62	62	309634	48.573	ug/L	100
6) Bromomethane	1.87	94	147338	45.632	ug/L	96
8) Chloroethane	1.95	64	172409	46.502	ug/L	100
9) Trichlorofluoromethane	2.16	101	383264	50.755	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	213706	49.297	ug/L	93
12) 1,1-Dichloroethene	2.61	96	196826	46.225	ug/L	81
13) Acetone	2.66	43	347170	119.988	ug/L	95
14) Carbon disulfide	2.82	76	611287	46.597	ug/L	100
15) Methyl Acetate	2.99	43	289791	55.297	ug/L	94
16) Methylene chloride	3.08	84	247953	47.725	ug/L	89
17) trans-1,2-Dichloroethene	3.39	96	206611	46.077	ug/L	90
18) Methyl tert-butyl Ether	3.42	73	687845	50.737	ug/L	97
19) 1,1-Dichloroethane	3.92	63	452963	52.367	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	235346	46.533	ug/L	92
22) 2-Butanone	4.77	43	441562	115.609	ug/L	96

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05050

Quant Time: Nov 21 04:12:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	122731	45.922 ug/L #	84
25) Chloroform	5.14	83	455697	51.873 ug/L	99
27) 1,2-Dichloroethane	5.84	62	362700	56.513 ug/L #	94
29) Cyclohexane	5.43	56	368878	52.861 ug/L	93
30) 1,1,1-Trichloroethane	5.36	97	375243	52.184 ug/L	98
31) Carbon tetrachloride	5.57	117	337740	52.823 ug/L	99
33) Benzene	5.82	78	966501	50.267 ug/L	100
34) Trichloroethene	6.58	95	234784	48.031 ug/L	96
35) Methylcyclohexane	6.80	83	351613	49.528 ug/L	93
37) 1,2-Dichloropropane	6.83	63	267352	51.923 ug/L	99
38) Bromodichloromethane	7.14	83	338792	51.765 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	398127	52.020 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	762148	110.642 ug/L	94
42) Toluene	8.00	91	1042520	51.733 ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	369548	52.677 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	239718	48.572 ug/L	96
46) Tetrachloroethene	8.58	164	184149	45.054 ug/L	98
48) 2-Hexanone	8.73	43	629503	112.377 ug/L #	89
49) Dibromochloromethane	8.84	129	271386	48.761 ug/L	99
50) 1,2-Dibromoethane	8.96	107	245831	46.686 ug/L	99
51) Chlorobenzene	9.48	112	628215	46.696 ug/L	96
52) Ethylbenzene	9.60	91	1089902	50.590 ug/L	99
53) m,p-Xylene	9.72	106	410543	50.785 ug/L	96
54) o-xylene	10.13	106	394105	49.879 ug/L	95
55) Styrene	10.14	104	669740	51.076 ug/L	94
56) Isopropylbenzene	10.51	105	1008733	50.804 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	419792	49.382 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	337773	50.311 ug/L	100
61) Bromoform	10.32	173	196149	40.051 ug/L #	98
62) 1,3-Dichlorobenzene	11.77	146	437624	43.213 ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	440539	42.820 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	440267	42.702 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	73050	45.698 ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	235734	40.291 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	132534	33.816 ug/L	95
69) Naphthalene	14.11	128	316934	31.527 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	141114	33.417 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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