Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103119\
Data File : VU035580.D
Acq On : 30 Oct 2019 23:16
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Oct 30 23:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	733433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	716952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	331552	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	288535	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.42%			
7) Chloroethane-d5	1.93	69	231720	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.96%			
11) 1,1-Dichloroethene-d2	2.60	63	442876	48.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.14%			
21) 2-Butanone-d5	4.69	46	355693	102.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.79%			
24) Chloroform-d	5.11	84	451378	49.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.68%			
26) 1,2-Dichloroethane-d4	5.75	65	274060	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.80%			
32) Benzene-d6	5.77	84	942704	50.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.88%			
36) 1,2-Dichloropropane-d6	6.74	67	301480	49.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.50%			
41) Toluene-d8	7.93	98	892028	50.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	8.21	79	138132	49.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.96%			
47) 2-Hexanone-d5	8.68	63	246144	105.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.97%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	423729	49.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.32%			
64) 1,2-Dichlorobenzene-d4	12.22	152	317055	47.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	268166	46.884	ug/L	99
3) Chloromethane	1.54	50	290236	46.559	ug/L	99
5) Vinyl chloride	1.62	62	312194	46.545	ug/L	99
6) Bromomethane	1.87	94	170557	50.203	ug/L	96
8) Chloroethane	1.95	64	183623	47.070	ug/L	99
9) Trichlorofluoromethane	2.16	101	377683	47.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	215962	47.346	ug/L	99
12) 1,1-Dichloroethene	2.61	96	213075	47.559	ug/L	98
13) Acetone	2.67	43	226134	74.280	ug/L	99
14) Carbon disulfide	2.83	76	640273	46.386	ug/L	100
15) Methyl Acetate	2.99	43	273748	49.645	ug/L	99
16) Methylene chloride	3.09	84	255350	46.711	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	223031	47.272	ug/L	97
18) Methyl tert-butyl Ether	3.42	73	702436	49.244	ug/L	100
19) 1,1-Dichloroethane	3.92	63	436472	47.958	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	257515	48.391	ug/L	99
22) 2-Butanone	4.77	43	378070	94.076	ug/L	96

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Oct 30 23:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	136716	48.618	ug/L	98
25) Chloroform	5.14	83	444061	48.042	ug/L	100
27) 1,2-Dichloroethane	5.84	62	326419	48.337	ug/L	99
29) Cyclohexane	5.43	56	363675	49.731	ug/L	100
30) 1,1,1-Trichloroethane	5.37	97	362225	48.069	ug/L	100
31) Carbon tetrachloride	5.57	117	324882	48.487	ug/L	99
33) Benzene	5.82	78	988589	49.063	ug/L	100
34) Trichloroethene	6.58	95	246187	48.060	ug/L	99
35) Methylcyclohexane	6.80	83	359288	48.294	ug/L	99
37) 1,2-Dichloropropane	6.83	63	265707	49.243	ug/L	99
38) Bromodichloromethane	7.15	83	330361	48.167	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	388264	48.410	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	727961	100.843	ug/L	99
42) Toluene	8.01	91	1059876	50.188	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	348462	47.398	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	250764	48.485	ug/L	100
46) Tetrachloroethene	8.59	164	203047	47.405	ug/L	99
48) 2-Hexanone	8.73	43	575635	98.059	ug/L	96
49) Dibromochloromethane	8.84	129	281575	48.277	ug/L	99
50) 1,2-Dibromoethane	8.96	107	272207	49.330	ug/L	100
51) Chlorobenzene	9.48	112	681492	48.339	ug/L	99
52) Ethylbenzene	9.60	91	1123163	49.749	ug/L	99
53) m,p-Xylene	9.73	106	431763	50.966	ug/L	97
54) o-xylene	10.13	106	425699	51.413	ug/L	100
55) Styrene	10.14	104	710089	51.675	ug/L	100
56) Isopropylbenzene	10.51	105	1062878	51.082	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	433964	48.713	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	341337	48.515	ug/L	100
61) Bromoform	10.32	173	224735	44.430	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	487431	46.602	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	484112	45.562	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	496332	46.612	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	75494	45.727	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	287450	47.570	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	187163	46.239	ug/L	100
69) Naphthalene	14.11	128	488434	47.045	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	209340	47.999	ug/L	98

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

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