Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
Data File : VV013114.D
Acq On : 11 Oct 2019 21:07
Operator : SY/MD
Sample : MDL02 2.5PPB
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:27 PM

Quant Time: Oct 12 04:02:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 12 03:55:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	715786	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	669215	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	278691	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	229238	50.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.34%			
7) Chloroethane-d5	1.58	69	196317	52.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.86%			
11) 1,1-Dichloroethene-d2	2.13	63	324485	38.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.04%			
21) 2-Butanone-d5	3.92	46	356114	104.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.68%			
24) Chloroform-d	4.40	84	441125	50.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.28%			
26) 1,2-Dichloroethane-d4	5.08	65	282641	52.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.28%			
32) Benzene-d6	5.10	84	938099	52.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.08%			
36) 1,2-Dichloropropane-d6	6.12	67	298450	53.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.70%			
41) Toluene-d8	7.36	98	806700	50.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.98%			
43) trans-1,3-Dichloropropene-	7.66	79	123848	48.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.74%			
47) 2-Hexanone-d5	8.13	63	232087	104.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.27%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	357680	49.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.10%			
64) 1,2-Dichlorobenzene-d4	11.67	152	307181	56.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	8844	1.593	ug/L	96
3) Chloromethane	1.25	50	10901	1.725	ug/L	98
5) Vinyl chloride	1.32	62	10664	1.757	ug/L #	52
6) Bromomethane	1.53	94	7148	2.302	ug/L	97
8) Chloroethane	1.60	64	6621	1.834	ug/L	94
9) Trichlorofluoromethane	1.77	101	13035	1.674	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11045	2.408	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	9932	2.237	ug/L #	1
13) Acetone	2.19	43	9216	2.950	ug/L	98
14) Carbon disulfide	2.32	76	23885	1.855	ug/L	99
15) Methyl Acetate	2.46	43	8616	1.556	ug/L	96
16) Methylene chloride	2.54	84	9927	1.880	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	7986	1.658	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	22536	1.550	ug/L	98
19) 1,1-Dichloroethane	3.23	63	14432	1.589	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	9248	1.697	ug/L	93
22) 2-Butanone	4.02	43	11968m	3.010	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	4952m	1.789 ug/L		
25) Chloroform	4.42	83	20995	2.294 ug/L		96
27) 1,2-Dichloroethane	5.18	62	12114m	1.727 ug/L		
29) Cyclohexane	4.72	56	12336	1.539 ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	12092	1.628 ug/L		100
31) Carbon tetrachloride	4.87	117	10419	1.579 ug/L		98
33) Benzene	5.15	78	31137	1.528 ug/L		100
34) Trichloroethene	5.96	95	9698	1.787 ug/L		95
35) Methylcyclohexane	6.18	83	13861m	1.688 ug/L		
37) 1,2-Dichloropropane	6.22	63	8685	1.645 ug/L	#	93
38) Bromodichloromethane	6.56	83	10684	1.591 ug/L	#	97
39) cis-1,3-Dichloropropene	7.07	75	12489m	1.600 ug/L		
40) 4-Methyl-2-pentanone	7.27	43	20337	2.943 ug/L		95
42) Toluene	7.43	91	36009	1.716 ug/L		94
44) trans-1,3-Dichloropropene	7.69	75	9673	1.429 ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	8630	1.722 ug/L		94
46) Tetrachloroethene	8.02	164	7630	1.776 ug/L		90
48) 2-Hexanone	8.18	43	23630	4.423 ug/L		97
49) Dibromochloromethane	8.29	129	8205	1.502 ug/L		98
50) 1,2-Dibromoethane	8.40	107	8636	1.649 ug/L		83
51) Chlorobenzene	8.92	112	23223	1.688 ug/L		98
52) Ethylbenzene	9.05	91	33023	1.473 ug/L		96
53) m,p-Xylene	9.18	106	12146	1.440 ug/L		98
54) o-xylene	9.59	106	11806	1.397 ug/L		95
55) Styrene	9.60	104	16802	1.211 ug/L		95
56) Isopropylbenzene	9.97	105	28229	1.301 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.28	83	13755	1.888 ug/L	#	98
59) 1,2,3-Trichloropropane	10.31	75	11025	1.716 ug/L		96
61) Bromoform	9.77	173	5635	1.607 ug/L	#	92
62) 1,3-Dichlorobenzene	11.22	146	15568	1.727 ug/L		98
63) 1,4-Dichlorobenzene	11.31	146	17547	1.939 ug/L		97
65) 1,2-Dichlorobenzene	11.69	146	17432	1.900 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.47	75	2321	1.739 ug/L	#	74
67) 1,3,5-Trichlorobenzene	12.69	180	11626	1.809 ug/L		96
68) 1,2,4-trichlorobenzene	13.31	180	9256	1.679 ug/L		96
69) Naphthalene	13.55	128	20764	1.367 ug/L		97
70) 1,2,3-Trichlorobenzene	13.79	180	9822	1.666 ug/L		96

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

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