Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\

Quantitation Report (QT/LSC Reviewed)

Data File : VU026828.D
Acq On : 17 Sep 2018 18:12
Operator : MD/SY
Sample : J4864-02 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D08

Quant Time: Sep 18 01:45:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	262376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	246288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	87553	45.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.22%			
7) Chloroethane-d5	1.68	69	76167	45.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.70%			
11) 1,1-Dichloroethene-d2	2.27	63	126886	34.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.10%			
21) 2-Butanone-d5	4.18	46	129778	100.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.76%			
24) Chloroform-d	4.65	84	163792	45.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.98%			
26) 1,2-Dichloroethane-d4	5.31	65	106087	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.60%			
32) Benzene-d6	5.34	84	339366	49.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.34%			
36) 1,2-Dichloropropane-d6	6.33	67	109451	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.44%			
41) Toluene-d8	7.57	98	287187	46.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.12%			
43) trans-1,3-Dichloropropene-	7.85	79	45564	45.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.78%			
47) 2-Hexanone-d5	8.31	63	89453	102.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145743	47.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	111433	51.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.96%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	21118	8.579	ug/L	94
12) 1,1-Dichloroethene	2.28	96	2831	1.664	ug/L #	1
16) Methylene chloride	2.70	84	11673	5.397	ug/L	98
19) 1,1-Dichloroethane	3.45	63	11398	3.154	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	116094	56.329	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	12421	4.239	ug/L	99
34) Trichloroethene	6.19	95	14156	7.726	ug/L	99
52) Ethylbenzene	9.25	91	3734	0.461	ug/L	99
53) m,p-Xylene	9.38	106	3527	1.133	ug/L	85

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

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