Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028210.D
Acq On : 17 Nov 2018 02:30
Operator : MD/SY
Sample : J5986-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ0

Quant Time: Nov 17 04:18:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69427	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65640	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.68	69	50253	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.28	63	93585	3.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.60%			
20) 2-Butanone-d5	4.20	46	220066	55.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.40%			
24) Chloroform-d	4.65	84	104004	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.31	65	63452	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.34	84	221317	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.33	67	77823	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.57	98	188964	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.85	79	24486	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.31	63	161467	47.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56997	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67201	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	492301	27.997	ug/L	98
12) 1,1-Dichloroethene	2.29	96	6174	0.566	ug/L #	1
17) Methyl tert-butyl Ether	3.01	73	139093	4.558	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	41196	3.550	ug/L	99
19) 1,1-Dichloroethane	3.45	63	58954	2.416	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	2049095	160.145	ug/L	98
33) Benzene	5.39	78	33499	0.618	ug/L	100
34) Trichloroethene	6.19	95	2603192	194.361	ug/L	96
47) Tetrachloroethene	8.23	164	47672	4.378	ug/L	96

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

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