Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040837.D
Acq On : 20 Oct 2020 04:28
Operator : SY/MD
Sample : L4428-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ34

Quant Time: Oct 20 06:58:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47407	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28678	3.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.60%			
7) Chloroethane-d5	1.92	69	27960	3.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.60%			
11) 1,1-Dichloroethene-d2	2.58	63	43660	2.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 47.20%#			
20) 2-Butanone-d5	4.66	46	182518	60.20	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.40%			
24) Chloroform-d	5.08	84	77863	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	48524	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.74	84	127663	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.70	67	47385	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.91	98	94393	3.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.20%#			
43) trans-1,3-Dichloropropene-	8.18	79	16881	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
46) 2-Hexanone-d5	8.64	63	115111	50.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.30%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48008	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44918	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	434871	42.621	ug/L	88
12) 1,1-Dichloroethene	2.59	96	2582	0.316	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	10814	0.469	ug/L #	72
18) trans-1,2-Dichloroethene	3.37	96	11039	1.293	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	881027	95.660	ug/L	99
30) Cyclohexane	5.40	56	2743	0.191	ug/L	97
34) Trichloroethene	6.56	95	9715	1.003	ug/L	94
35) Methylcyclohexane	6.77	83	1480	0.108	ug/L #	65
53) m,p-Xylene	9.69	106	2032	0.135	ug/L	88

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

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