Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040854.D
Acq On : 20 Oct 2020 17:57
Operator : SY/MD
Sample : L4428-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ47

Quant Time: Oct 21 01:21:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54511	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	43906	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.92	69	36502	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.58	63	67827	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.66	46	174521	52.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.00%			
24) Chloroform-d	5.08	84	84425	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.72	65	52364	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.75	84	155201	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.70	67	53950	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.91	98	127760	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20334	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.64	63	132494	52.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.58%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	48048	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51294	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	449549	39.801	ug/L	99
12) 1,1-Dichloroethene	2.59	96	8070	0.894	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	3018	0.118	ug/L #	91
18) trans-1,2-Dichloroethene	3.37	96	15185	1.606	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	3463877	339.751	ug/L	100
30) Cyclohexane	5.41	56	2384	0.150	ug/L	96
34) Trichloroethene	6.56	95	2116111	197.892	ug/L	95
35) Methylcyclohexane	6.77	83	2203	0.145	ug/L #	60
47) Tetrachloroethene	8.57	164	5714927	749.099	ug/L	91

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

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