Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040862.D
Acq On : 20 Oct 2020 21:02
Operator : SY/MD
Sample : L4428-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ53

Quant Time: Oct 21 02:45:01 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	106936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	40513	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.92	69	35807	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.58	63	63275	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	4.65	46	167443	59.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.10%			
24) Chloroform-d	5.08	84	89860	5.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54050	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.20%			
32) Benzene-d6	5.74	84	157844	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.70	67	53045	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.91	98	125480	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	8.19	79	20439	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.64	63	114934	51.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50430	5.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	52381	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	3653	0.403	ug/L #	80
5) Vinyl chloride	1.61	62	6969	0.730	ug/L #	1
13) Acetone	2.66	43	4110	1.870	ug/L	88
18) trans-1,2-Dichloroethene	3.37	96	4201	0.526	ug/L #	78
22) cis-1,2-Dichloroethene	4.69	96	202419	23.501	ug/L	96
30) Cyclohexane	5.40	56	3731	0.266	ug/L	98
33) Benzene	5.78	78	2628	0.072	ug/L	100
34) Trichloroethene	6.56	95	3143	0.334	ug/L	86
35) Methylcyclohexane	6.78	83	648	0.048	ug/L #	73
47) Tetrachloroethene	8.56	164	1111	0.165	ug/L	91
53) m,p-Xylene	9.69	106	2009	0.137	ug/L	99

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

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