Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092620\
Data File : VU040319.D
Acq On : 25 Sep 2020 22:53
Operator : SY/MD
Sample : L4139-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 28 09:54:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BG493

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69573	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36469	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.92	69	36922	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.57	63	55499	2.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.00%#			
20) 2-Butanone-d5	4.73	46	158984	47.85	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.70%			
24) Chloroform-d	5.08	84	85629	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.73	65	53357	4.45	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.74	84	169499	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.70	67	56993	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	150012	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.19	79	21709	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.65	63	139197	56.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.84%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	50253	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55376	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	126137	14.323	ug/L	97
14) Carbon disulfide	2.90	76	120737m	3.198	ug/L	
19) 1,1-Dichloroethane	3.88	63	8857	0.340	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	4285	0.315	ug/L	97
30) Cyclohexane	5.39	56	170029	7.579	ug/L	97
33) Benzene	5.78	78	26360786m	500.128	ug/L	
35) Methylcyclohexane	6.77	83	135741	6.270	ug/L	90
40) 4-Methyl-2-pentanone	7.82	43	20012	1.709	ug/L #	90
42) Toluene	7.97	91	25529893m	470.329	ug/L	
51) Chlorobenzene	9.46	112	11872108	352.280	ug/L	97
52) Ethylbenzene	9.57	91	5885371	95.427	ug/L	99
53) m,p-Xylene	9.70	106	5649825	257.298	ug/L	98
54) o-Xylene	10.10	106	2390051	114.222	ug/L	99
56) Isopropylbenzene	10.48	105	3122143	54.710	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	57144	2.247	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	285176	11.083	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	165464	6.725	ug/L	97

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

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