Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041295.D
Acq On : 17 Nov 2020 23:02
Operator : SY/MD
Sample : L4740-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB117

Quant Time: Nov 18 00:39:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64479	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	64510	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26753	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	22833	4.81	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%				
7) Chloroethane-d5	1.92	69	19483	4.80	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%				
11) 1,1-Dichloroethene-d2	2.58	63	33292	3.40	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%				
20) 2-Butanone-d5	4.66	46	88094	45.05	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.10%				
24) Chloroform-d	5.08	84	46342	4.52	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%				
26) 1,2-Dichloroethane-d4	5.72	65	30123	4.50	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%				
32) Benzene-d6	5.74	84	83082	4.78	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%				
36) 1,2-Dichloropropane-d6	6.70	67	28137	4.69	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%				
41) Toluene-d8	7.91	98	65725	4.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%				
43) trans-1,3-Dichloropropene-	8.19	79	11194	4.34	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%				
46) 2-Hexanone-d5	8.64	63	61519	44.65	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.30%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25659	4.41	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.20%				
64) 1,2-Dichlorobenzene-d4	12.19	152	24883	4.77	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.61	62	216856	38.741	ug/L		99
12) 1,1-Dichloroethene	2.59	96	1909	0.455	ug/L	#	1
13) Acetone	2.66	43	31951	24.629	ug/L	#	62
18) trans-1,2-Dichloroethene	3.37	96	3342	0.818	ug/L		89
19) 1,1-Dichloroethane	3.89	63	5608	0.614	ug/L		98
21) 2-Butanone	4.74	43	4198	2.131	ug/L	#	52
22) cis-1,2-Dichloroethene	4.69	96	345544	74.846	ug/L		97
33) Benzene	5.79	78	4514	0.258	ug/L		100
34) Trichloroethene	6.55	95	95877	20.292	ug/L		99
35) Methylcyclohexane	6.78	83	791	0.126	ug/L	#	83
42) Toluene	7.98	91	5555	0.297	ug/L		90
53) m,p-Xylene	9.69	106	864	0.120	ug/L		83

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

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