Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Time: Nov 19 01:17:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60591	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28469	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.59	65	19696	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.91	69	17698	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.57	63	31745	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.75	46	65779	35.79	ug/L	0.09
Spiked Amount 50.000	Range 40 - 130		Recovery = 71.58%			
24) Chloroform-d	5.08	84	47601	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.72	65	29350	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	80107	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.70	67	28351	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.90	98	66472	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11111	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.65	63	56754	42.05	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25118	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28369	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.60	62	24959	4.745	ug/L	93
14) Carbon disulfide	2.79	76	3398	0.293	ug/L #	88
18) trans-1,2-Dichloroethene	3.36	96	17472	4.548	ug/L	99
19) 1,1-Dichloroethane	3.88	63	3049	0.355	ug/L #	84
21) 2-Butanone	4.83	43	7855	4.244	ug/L #	59
22) cis-1,2-Dichloroethene	4.68	96	18830	4.340	ug/L	98
33) Benzene	5.78	78	26594	1.553	ug/L	100
34) Trichloroethene	6.55	95	2039	0.441	ug/L	90
42) Toluene	7.97	91	53994	2.950	ug/L	96
52) Ethylbenzene	9.57	91	11689	0.598	ug/L	95
53) m,p-Xylene	9.69	106	10195	1.443	ug/L	94
54) o-Xylene	10.10	106	5425	0.797	ug/L	98
56) Isopropylbenzene	10.48	105	1526	0.085	ug/L #	86

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

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