Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041263.D
Acq On : 16 Nov 2020 21:31
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 17 10:22:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64963	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21706	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	23692	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.93	69	21788	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%			
11) 1,1-Dichloroethene-d2	2.58	63	32683	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.66	46	115443	58.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.18%			
24) Chloroform-d	5.08	84	52839	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	33024	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.74	84	83621	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.70	67	32097	5.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.00%			
41) Toluene-d8	7.90	98	65466	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	8.18	79	10619	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	74535	57.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29409	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24095	5.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	185137	32.828	ug/L	99
13) Acetone	2.66	43	41985	32.122	ug/L #	61
18) trans-1,2-Dichloroethene	3.37	96	3036	0.737	ug/L	96
19) 1,1-Dichloroethane	3.89	63	5371	0.583	ug/L	96
21) 2-Butanone	4.74	43	4132	2.082	ug/L #	69
22) cis-1,2-Dichloroethene	4.69	96	366308	78.752	ug/L	98
33) Benzene	5.79	78	6197	0.377	ug/L	100
34) Trichloroethene	6.55	95	84521	19.040	ug/L	98
42) Toluene	7.98	91	6375	0.363	ug/L	96
52) Ethylbenzene	9.57	91	1282	0.068	ug/L	96
53) m,p-Xylene	9.69	106	1018	0.150	ug/L	72

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

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