Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041720\
Data File : VU037774.D
Acq On : 17 Apr 2020 14:40
Operator : JC/MD
Sample : L2296-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFS91

Quant Time: Apr 18 03:11:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128001	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87715	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.93	69	77251	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.59	63	117085	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	4.67	46	291303	52.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.18%			
24) Chloroform-d	5.10	84	149834	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.74	65	92331	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.76	84	328505	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.72	67	111884	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.92	98	296114	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	8.20	79	45328	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.65	63	248159	47.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.60%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85642	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	112019	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	148336	5.231	ug/L	98
13) Acetone	2.66	43	4304	1.167	ug/L	87
14) Carbon disulfide	2.82	76	14177	0.209	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	3796	0.189	ug/L	87
19) 1,1-Dichloroethane	3.91	63	117666	3.022	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	100460	4.618	ug/L	99
25) Chloroform	5.13	83	21658	0.585	ug/L	98
27) 1,2-Dichloroethane	5.83	62	17512	0.700	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	11628	0.373	ug/L	99
30) Cyclohexane	5.42	56	9303	0.241	ug/L	96
33) Benzene	5.81	78	31319	0.369	ug/L	100
34) Trichloroethene	6.57	95	4292	0.206	ug/L	93
51) Chlorobenzene	9.47	112	58046	1.071	ug/L	97
54) o-Xylene	10.12	106	5916	0.161	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	4501	0.105	ug/L	87
63) 1,4-Dichlorobenzene	11.85	146	8844	0.206	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	4339	0.108	ug/L #	82

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

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