Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122520\
Data File : VU041810.D
Acq On : 24 Dec 2020 16:41
Operator : SY/MD
Sample : L5185-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4S6

Quant Time: Dec 25 04:31:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55858	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39122	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.92	69	39783	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	2.57	63	60779	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.66	46	142799	49.49	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.98%			
24) Chloroform-d	5.08	84	83924	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	47049	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.74	84	150332	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.70	67	51393	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.90	98	127898	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
43) trans-1,3-Dichloropropene-	8.18	79	20257	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.64	63	124550	45.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49509	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50545	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	2781	0.319	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	2287	0.098	ug/L #	77
19) 1,1-Dichloroethane	3.89	63	14526	0.862	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	2225	0.223	ug/L	95
25) Chloroform	5.11	83	7961	0.469	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	6671	0.467	ug/L	98
34) Trichloroethene	6.55	95	98234	9.824	ug/L	95
47) Tetrachloroethene	8.56	164	1449	0.207	ug/L	91

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

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