Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041737.D
Acq On : 22 Dec 2020 13:27
Operator : SY/MD
Sample : L5185-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4S3

Quant Time: Dec 23 04:46:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148749	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64983	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33751	2.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.00%			
7) Chloroethane-d5	1.92	69	39647	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.58	63	56985	2.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.20%#			
20) 2-Butanone-d5	4.65	46	160187	47.95	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.90%			
24) Chloroform-d	5.08	84	87127	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.72	65	50976	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.74	84	167365	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
36) 1,2-Dichloropropane-d6	6.70	67	55944	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%			
41) Toluene-d8	7.90	98	141537	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.19	79	21711	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.64	63	143406	45.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.64%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53145	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55275	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
13) Acetone	2.66	43	6617	3.114	ug/L	93
16) Methylene chloride	3.06	84	1542	0.128	ug/L	80
33) Benzene	5.79	78	2391	0.053	ug/L	100
42) Toluene	7.98	91	20990	0.448	ug/L	94
47) Tetrachloroethene	8.55	164	754	0.094	ug/L	80
52) Ethylbenzene	9.57	91	2907	0.058	ug/L	99
53) m,p-Xylene	9.69	106	3839	0.206	ug/L	92
54) o-Xylene	10.10	106	1787	0.098	ug/L	97

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

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