Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041888.D
Acq On : 07 Jan 2021 21:28
Operator : SY/MD
Sample : M1026-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXM0

Quant Time: Jan 08 06:53:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56657	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41286	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.92	69	42849	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.58	63	65777	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.65	46	167132	56.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.24%			
24) Chloroform-d	5.08	84	96266	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.72	65	56089	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.40%			
32) Benzene-d6	5.74	84	183581	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.70	67	61911	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.90	98	154288	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.18	79	23810	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	141609	48.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.82%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54917	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60012	5.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	6645	0.592	ug/L	96
3) Chloromethane	1.52	50	867	0.079	ug/L	84
12) 1,1-Dichloroethene	2.59	96	4521	0.503	ug/L #	1
13) Acetone	2.66	43	2891	1.526	ug/L	88
16) Methylene chloride	3.06	84	2274	0.212	ug/L	82
17) Methyl tert-butyl Ether	3.38	73	4135	0.172	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	1145	0.123	ug/L	80
22) cis-1,2-Dichloroethene	4.68	96	41450	4.031	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	3163	0.208	ug/L	96
34) Trichloroethene	6.55	95	1947480	182.824	ug/L	96
47) Tetrachloroethene	8.56	164	55740	7.475	ug/L	98

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

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