Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041897.D
Acq On : 08 Jan 2021 12:02
Operator : SY/MD
Sample : M1027-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXM5

Quant Time: Jan 09 02:13:11 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 09 01:31:59 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140258	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	136211	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60525	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	39126	3.57	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.40%				
7) Chloroethane-d5	1.92	69	42419	5.00	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%				
11) 1,1-Dichloroethene-d2	2.58	63	62219	3.08	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%				
20) 2-Butanone-d5	4.65	46	166990	53.02	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.04%				
24) Chloroform-d	5.08	84	99144	5.28	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%				
26) 1,2-Dichloroethane-d4	5.72	65	57228	5.37	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%				
32) Benzene-d6	5.74	84	191667	4.91	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%				
36) 1,2-Dichloropropane-d6	6.70	67	63674	5.21	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%				
41) Toluene-d8	7.90	98	155501	4.42	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%				
43) trans-1,3-Dichloropropene-	8.19	79	23093	4.20	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%				
46) 2-Hexanone-d5	8.64	63	148394	49.37	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.74%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	57258	5.15	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%				
64) 1,2-Dichlorobenzene-d4	12.19	152	59350	5.51	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	10160	0.855	ug/L		95
3) Chloromethane	1.52	50	2638	0.229	ug/L		94
9) Trichlorofluoromethane	2.15	101	4650	0.288	ug/L		94
13) Acetone	2.66	43	2569	1.282	ug/L		76
22) cis-1,2-Dichloroethene	4.68	96	6488	0.596	ug/L		94
25) Chloroform	5.11	83	4778	0.258	ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	2168	0.139	ug/L		96
31) Carbon tetrachloride	5.53	117	1038	0.077	ug/L	#	80
34) Trichloroethene	6.55	95	56747	5.184	ug/L		98
47) Tetrachloroethene	8.56	164	391407	51.078	ug/L		96

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

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