Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041934.D
Acq On : 11 Jan 2021 20:42
Operator : SY/MD
Sample : M1026-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXL5

Quant Time: Jan 12 05:39:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47762	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	44286	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.92	69	44722	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.58	63	68708	3.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.00%			
20) 2-Butanone-d5	4.66	46	147881	57.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.66%			
24) Chloroform-d	5.08	84	83919	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.72	65	49435	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
32) Benzene-d6	5.74	84	159332	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.70	67	50707	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.90	98	132667	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	8.19	79	20527	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.64	63	121339	55.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.42%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48607	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48810	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	7961	0.747	ug/L	99
3) Chloromethane	1.52	50	1308	0.113	ug/L	88
9) Trichlorofluoromethane	2.15	101	1494	0.092	ug/L	85
17) Methyl tert-butyl Ether	3.38	73	36746	1.782	ug/L	99
19) 1,1-Dichloroethane	3.89	63	3038	0.194	ug/L	95
25) Chloroform	5.11	83	14631	0.896	ug/L	92
29) 1,1,1-Trichloroethane	5.33	97	1075	0.074	ug/L #	81
34) Trichloroethene	6.55	95	14041	1.493	ug/L	97
47) Tetrachloroethene	8.56	164	2897	0.443	ug/L	92

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

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