Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041903.D
Acq On : 08 Jan 2021 14:24
Operator : SY/MD
Sample : M1027-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXQ8

Quant Time: Jan 09 02:32:54 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	135422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36199	3.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.40%			
7) Chloroethane-d5	1.92	69	41011	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.58	63	58563	3.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.00%			
20) 2-Butanone-d5	4.65	46	157320	51.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.46%			
24) Chloroform-d	5.08	84	97002	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.72	65	53975	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.74	84	181582	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	61433	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.91	98	146071	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20394	3.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.20%			
46) 2-Hexanone-d5	8.64	63	117384	41.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.42%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50352	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59950	6.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.40%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2344	0.204	ug/L #	83
3) Chloromethane	1.52	50	1357	0.122	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1479	0.159	ug/L #	85
13) Acetone	2.65	43	4152	2.146	ug/L	88
16) Methylene chloride	3.06	84	3910	0.356	ug/L	99
17) Methyl tert-butyl Ether	3.39	73	3305	0.135	ug/L #	92
18) trans-1,2-Dichloroethene	3.37	96	43893	4.619	ug/L	94
19) 1,1-Dichloroethane	3.89	63	1811	0.102	ug/L #	83
22) cis-1,2-Dichloroethene	4.68	96	92389	8.797	ug/L	94
29) 1,1,1-Trichloroethane	5.34	97	4952	0.334	ug/L	97
33) Benzene	5.78	78	4031	0.098	ug/L	100
34) Trichloroethene	6.55	95	747760	72.085	ug/L	97
47) Tetrachloroethene	8.56	164	37343	5.143	ug/L	93

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

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