Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038161.D
Acq On : 14 May 2020 12:05
Operator : JC/MD
Sample : L2630-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX11

Quant Time: May 15 01:36:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	438166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	422197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	201831	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	95364	2.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 47.60%			
7) Chloroethane-d5	1.93	69	92197	2.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 53.20%#			
11) 1,1-Dichloroethene-d2	2.59	63	130132	1.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 38.80%#			
20) 2-Butanone-d5	4.67	46	346726	35.06	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.12%			
24) Chloroform-d	5.10	84	189782	3.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 62.40%#			
26) 1,2-Dichloroethane-d4	5.74	65	109150	3.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 62.60%#			
32) Benzene-d6	5.76	84	381288	3.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 60.20%#			
36) 1,2-Dichloropropane-d6	6.72	67	124950	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 61.20%			
41) Toluene-d8	7.92	98	331308	2.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 58.20%#			
43) trans-1,3-Dichloropropene-	8.20	79	44739	2.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 54.80%#			
46) 2-Hexanone-d5	8.66	63	280353	36.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.60%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102405	3.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 63.60%#			
64) 1,2-Dichlorobenzene-d4	12.21	152	124915	3.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 63.60%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	72308	1.528	ug/L	100
12) 1,1-Dichloroethene	2.61	96	11444	0.376	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	3953	0.119	ug/L	80
19) 1,1-Dichloroethane	3.91	63	55448	0.855	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	326710	9.133	ug/L	99
25) Chloroform	5.13	83	174750	2.890	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	92783	1.918	ug/L	98
30) Cyclohexane	5.43	56	8079	0.141	ug/L	92
34) Trichloroethene	6.57	95	13694	0.405	ug/L	97
51) Chlorobenzene	9.47	112	42942	0.485	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	11523	0.175	ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	10036	0.151	ug/L	93
68) 1,2,4-trichlorobenzene	13.87	180	13867	0.321	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	11431	0.285	ug/L	98

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

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