Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Time: May 08 04:32:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368523	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	359544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165049	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	144757	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.93	69	124195	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.59	63	177453	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	4.66	46	321264	38.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.26%			
24) Chloroform-d	5.10	84	195608	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.40%			
26) 1,2-Dichloroethane-d4	5.74	65	126484	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.76	84	488454	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.72	67	158057	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.92	98	435758	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.20	79	54020	3.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.65	63	274196	41.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.38%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111838	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	153869	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1912	0.075	ug/L #	1
13) Acetone	2.65	43	15096	2.893	ug/L	98
16) Methylene chloride	3.08	84	5447	0.183	ug/L	85
17) Methyl tert-butyl Ether	3.40	73	15298	0.215	ug/L #	88
19) 1,1-Dichloroethane	3.92	63	9540	0.175	ug/L	96
25) Chloroform	5.12	83	38377	0.754	ug/L	93
30) Cyclohexane	5.43	56	8987	0.185	ug/L	97
34) Trichloroethene	6.57	95	5221	0.181	ug/L	93
47) Tetrachloroethene	8.57	164	202225	10.040	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	4203	0.077	ug/L	97

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

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