Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051520\
Data File : VU038202.D
Acq On : 15 May 2020 16:49
Operator : JC/MD
Sample : L2657-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSW1

Quant Time: May 16 07:08:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 03:30:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	336453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157460	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	114309	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.93	69	113419	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.59	63	156094	2.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.20%#			
20) 2-Butanone-d5	4.67	46	414465	53.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.54%			
24) Chloroform-d	5.10	84	220087	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.74	65	130854	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	451697	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.72	67	153472	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.92	98	395792	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	8.20	79	53965	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.65	63	330334	53.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.34%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120387	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	146890	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	8164	0.259	ug/L	97
9) Trichlorofluoromethane	2.16	101	12540	0.329	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5257	0.223	ug/L #	78
12) 1,1-Dichloroethene	2.60	96	7927	0.331	ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	10394	0.156	ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	4560	0.175	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	268098	9.525	ug/L	99
25) Chloroform	5.13	83	15505	0.326	ug/L	97
31) Carbon tetrachloride	5.56	117	13790	0.445	ug/L	92
34) Trichloroethene	6.57	95	1969979	73.105	ug/L	98
47) Tetrachloroethene	8.57	164	936333	49.676	ug/L	99

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

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