Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038881.D
Acq On : 13 Jun 2020 04:22
Operator : SY/MD
Sample : L2985-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT76

Quant Time: Jun 13 06:13:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	232203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	102750	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	56307	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.93	69	58631	5.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.40%			
11) 1,1-Dichloroethene-d2	2.59	63	98461	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	4.69	46	309229	77.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 155.70%#			
24) Chloroform-d	5.10	84	164911	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.80%			
26) 1,2-Dichloroethane-d4	5.74	65	102063	6.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 128.80%			
32) Benzene-d6	5.76	84	296350	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
36) 1,2-Dichloropropane-d6	6.72	67	100828	6.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 122.20%			
41) Toluene-d8	7.92	98	226798	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	8.20	79	33745	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.66	63	259900	79.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 159.62%#			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95571	6.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 132.40%#			
64) 1,2-Dichlorobenzene-d4	12.20	152	100889	6.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.60%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	5763	0.255	ug/L	95
9) Trichlorofluoromethane	2.16	101	10579	0.360	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	3550	0.211	ug/L #	40
12) 1,1-Dichloroethene	2.60	96	5833	0.359	ug/L #	1
16) Methylene chloride	3.08	84	2241	0.120	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	8104	0.193	ug/L	96
18) trans-1,2-Dichloroethene	3.38	96	3405	0.195	ug/L	94
19) 1,1-Dichloroethane	3.91	63	2830	0.090	ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	198743	10.928	ug/L	100
25) Chloroform	5.12	83	11324	0.349	ug/L	90
31) Carbon tetrachloride	5.56	117	10763	0.438	ug/L	99
34) Trichloroethene	6.57	95	1398424	75.071	ug/L	98
47) Tetrachloroethene	8.57	164	663729	46.283	ug/L	99

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

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