Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039558.D
Acq On : 17 Jul 2020 18:21
Operator : SY/MD
Sample : L3292-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT79

Quant Time: Jul 18 02:27:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91357	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41934	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	18701	3.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%			
7) Chloroethane-d5	1.92	69	22887	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.58	63	31968	3.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%			
20) 2-Butanone-d5	4.65	46	97536	40.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.52%			
24) Chloroform-d	5.08	84	45137	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%			
26) 1,2-Dichloroethane-d4	5.72	65	31260	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.75	84	90385	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
36) 1,2-Dichloropropane-d6	6.71	67	31596	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.00%			
41) Toluene-d8	7.91	98	80857	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	8.19	79	12441	3.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.00%			
46) 2-Hexanone-d5	8.64	63	67582	33.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 66.88%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29523	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31944	4.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1415	0.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1885	0.355	ug/L #	89
12) 1,1-Dichloroethene	2.59	96	3255	0.599	ug/L #	1
13) Acetone	2.66	43	2455	1.877	ug/L	96
17) Methyl tert-butyl Ether	3.39	73	35364	2.066	ug/L	100
19) 1,1-Dichloroethane	3.90	63	2160	0.184	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	3589	0.532	ug/L	88
25) Chloroform	5.11	83	9107	0.766	ug/L	90
34) Trichloroethene	6.56	95	127229	18.046	ug/L	99
47) Tetrachloroethene	8.56	164	456588	93.105	ug/L	98

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

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