Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036081.D
Acq On : 10 Dec 2019 13:50
Operator : JC/MD
Sample : K6168-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE39

Quant Time: Dec 11 07:17:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	295768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	333577	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89067	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	133962	5.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.60%			
7) Chloroethane-d5	1.93	69	128102	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.59	63	162180	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.68	46	230217	51.25	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.50%			
24) Chloroform-d	5.11	84	197959	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.75	65	110822	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.77	84	419939	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.73	67	135932	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.93	98	345740	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	8.21	79	47495	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.70	63	210354	54.78	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.56%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117339	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	92146	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4239	0.148	ug/L #	61
13) Acetone	2.67	43	9980	1.750	ug/L	92
17) Methyl tert-butyl Ether	3.42	73	18574	0.419	ug/L	98
19) 1,1-Dichloroethane	3.92	63	72282	1.834	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	21865	0.949	ug/L	99
25) Chloroform	5.14	83	40741	0.927	ug/L	94
27) 1,2-Dichloroethane	5.84	62	29832	1.149	ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	11591	0.308	ug/L	97
34) Trichloroethene	6.58	95	57676	2.383	ug/L	97
47) Tetrachloroethene	8.58	164	746800	32.450	ug/L	99
50) 1,2-Dibromoethane	8.96	107	3280	0.188	ug/L #	95

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

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