Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034409.D
Acq On : 08 Sep 2019 03:29
Operator : JC/SP
Sample : K4703-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFD96

Quant Time: Sep 09 06:09:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	261285	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	122528	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	68219	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.68	69	64389	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.27	63	131566	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	4.17	46	206546	50.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.62%			
24) Chloroform-d	4.63	84	147512	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.29	65	74324	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.32	84	303176	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.31	67	102935	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.55	98	261489	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
43) trans-1,3-Dichloropropene-	7.83	79	30012	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.30	63	150760	43.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.74%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	83861	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	108740	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	7671	0.299	ug/L #	68
12) 1,1-Dichloroethene	2.28	96	57815	3.557	ug/L	94
13) Acetone	2.31	43	8745	3.213	ug/L	96
17) Methyl tert-butyl Ether	2.99	73	20035	0.495	ug/L	99
19) 1,1-Dichloroethane	3.42	63	95981	2.770	ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	111542	5.644	ug/L	90
29) 1,1,1-Trichloroethane	4.89	97	16313	0.540	ug/L	98
34) Trichloroethene	6.16	95	778626	36.273	ug/L	97
47) Tetrachloroethene	8.21	164	367943	20.855	ug/L	95
51) Chlorobenzene	9.10	112	34387	0.613	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	9773	0.254	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	4701	0.134	ug/L	96

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

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