Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034384.D
Acq On : 07 Sep 2019 16:38
Operator : JC/SP
Sample : K4724-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA8

Quant Time: Sep 09 05:33:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	308458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	171750	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75464	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.68	69	71001	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.26	63	118037	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.17	46	225856	47.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.12%			
24) Chloroform-d	4.63	84	167685	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.29	65	80975	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.32	84	354311	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.31	67	114051	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.55	98	319378	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	7.83	79	38540	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.30	63	178650	46.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.90%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	84825	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	144489	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
13) Acetone	2.31	43	10805	3.363	ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	10754	0.518	ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	1216078	52.123	ug/L	95
30) Cyclohexane	4.97	56	16951	0.424	ug/L	95
34) Trichloroethene	6.16	95	6557337	272.912	ug/L	96
35) Methylcyclohexane	6.39	83	82491	2.072	ug/L	95
47) Tetrachloroethene	8.22	164	15032477	761.230	ug/L	88
51) Chlorobenzene	9.10	112	6635	0.106	ug/L #	84
56) Isopropylbenzene	10.14	105	227157	2.181	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	7893	0.146	ug/L	96

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

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