Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034410.D
Acq On : 08 Sep 2019 03:53
Operator : JC/SP
Sample : K4703-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFD97

Quant Time: Sep 09 06:37:42 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	277807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	284231	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	127546	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74242	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.68	69	68735	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.27	63	164631	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.17	46	221284	51.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.40%			
24) Chloroform-d	4.63	84	153692	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.29	65	78336	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.32	84	323400	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.31	67	108885	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.55	98	276056	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
43) trans-1,3-Dichloropropene-	7.83	79	32584	3.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.60%			
46) 2-Hexanone-d5	8.30	63	162865	45.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.84%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	85742	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	116109	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	13599	0.511	ug/L	99
5) Vinyl chloride	1.40	62	19998	0.733	ug/L	93
9) Trichlorofluoromethane	1.88	101	9191	0.302	ug/L	95
12) 1,1-Dichloroethene	2.28	96	107282	6.209	ug/L	79
18) trans-1,2-Dichloroethene	2.97	96	2058	0.110	ug/L	84
19) 1,1-Dichloroethane	3.42	63	576405	15.643	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	482207	22.948	ug/L	94
27) 1,2-Dichloroethane	5.39	62	10458	0.505	ug/L #	92
29) 1,1,1-Trichloroethane	4.89	97	27424	0.880	ug/L	98
34) Trichloroethene	6.16	95	830029	37.461	ug/L	97
37) 1,2-Dichloropropane	6.41	63	6258	0.283	ug/L	99
47) Tetrachloroethene	8.21	164	557587	30.619	ug/L	97
51) Chlorobenzene	9.10	112	32157	0.556	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	20551	0.513	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	7041	0.193	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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