Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035441.D
Acq On : 24 Oct 2019 06:47
Operator : JC/SP
Sample : K5509-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G43

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:20 AM

Quant Time: Oct 24 08:41:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	210747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	212312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	63944	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	52263	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.93	69	54519	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.60	63	75543	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.70	46	240644	65.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 130.34%#			
24) Chloroform-d	5.11	84	110283	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.75	65	72925	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.00%			
32) Benzene-d6	5.77	84	223451	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.74	67	83787	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.93	98	181121	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.22	79	28696	3.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%			
46) 2-Hexanone-d5	8.69	63	153748	46.60	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.20%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	77525	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	57062	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	225515	12.342	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	761852	20.907	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	57476	3.934	ug/L	91
19) 1,1-Dichloroethane	3.92	63	33349	1.262	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	1560812	96.644	ug/L	97
25) Chloroform	5.14	83	17394	0.600	ug/L	100
33) Benzene	5.82	78	23162m	0.371	ug/L	
34) Trichloroethene	6.58	95	1631953	97.171	ug/L	96
47) Tetrachloroethene	8.58	164	19670	1.406	ug/L	96

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

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