Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035102.D
Acq On : 11 Oct 2019 20:21
Operator : JC/SP
Sample : K5310-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : IW-2-001-01MS

Manual Integrations APPROVED
MMDadoda
10/15/2019 6:05:55 AM

Quant Time: Oct 12 04:19:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	76189	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	54588	5.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%			
7) Chloroethane-d5	1.67	69	49260	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.26	63	100284	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	4.19	46	119963	40.42	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.84%			
24) Chloroform-d	4.62	84	98728	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.29	65	55221	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.31	84	191226	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.31	67	65345	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.55	98	164244	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	7.84	79	20936	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.30	63	115190	48.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.78%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55675	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	63471	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	148441	8.842	ug/L	98
12) 1,1-Dichloroethene	2.27	96	38642	3.529	ug/L	90
14) Carbon disulfide	2.62	76	120399m	3.304	ug/L	
18) trans-1,2-Dichloroethene	2.96	96	163660	13.957	ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	10920	0.835	ug/L	99
33) Benzene	5.36	78	201458	3.770	ug/L	100
34) Trichloroethene	6.16	95	50891	3.693	ug/L	97
42) Toluene	7.62	91	222888	3.996	ug/L	96
51) Chlorobenzene	9.10	112	223064	6.171	ug/L	99

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

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