Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035360.D
Acq On : 22 Oct 2019 13:15
Operator : JC/SP
Sample : K5461-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G69

Quant Time: Oct 23 07:51:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 06:48:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85484	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	118079	7.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 148.80%#			
7) Chloroethane-d5	1.93	69	100904	6.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 139.00%#			
11) 1,1-Dichloroethene-d2	2.59	63	155311	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.80%			
20) 2-Butanone-d5	4.71	46	191448	41.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.92%			
24) Chloroform-d	5.11	84	164471	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.40%			
26) 1,2-Dichloroethane-d4	5.75	65	101494	6.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.20%			
32) Benzene-d6	5.77	84	372106	6.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 129.40%#			
36) 1,2-Dichloropropane-d6	6.74	67	119301	6.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 130.80%			
41) Toluene-d8	7.93	98	322334	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.20%			
43) trans-1,3-Dichloropropene-	8.22	79	31813	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.69	63	171198	43.83	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.66%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93657	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	94067	6.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	392084	17.367	ug/L	100
12) 1,1-Dichloroethene	2.61	96	10877	0.650	ug/L #	1
13) Acetone	2.67	43	10490	3.305	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	110229	2.448	ug/L #	88
18) trans-1,2-Dichloroethene	3.39	96	106561	5.903	ug/L	92
19) 1,1-Dichloroethane	3.92	63	35923	1.100	ug/L	99
21) 2-Butanone	4.79	43	14112	2.728	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	3518410	176.333	ug/L	98
25) Chloroform	5.14	83	18278	0.510	ug/L	98
30) Cyclohexane	5.43	56	4078	0.129	ug/L #	91
33) Benzene	5.82	78	31952	0.432	ug/L	100
34) Trichloroethene	6.58	95	2519980	126.753	ug/L	97
42) Toluene	8.01	91	14076	0.172	ug/L	92
47) Tetrachloroethene	8.58	164	17575	1.061	ug/L	96

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

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