Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035355.D
Acq On : 22 Oct 2019 11:07
Operator : JC/SP
Sample : K5461-14MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G66MS

Quant Time: Oct 24 13:39:34 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	306102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117581	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	74650	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.93	69	76497	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.60	63	145634	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.40%			
20) 2-Butanone-d5	4.70	46	259292	48.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.68%			
24) Chloroform-d	5.11	84	155458	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.75	65	91629	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.77	84	308019	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	6.74	67	108703	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.93	98	276506	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	8.21	79	40398	3.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.20%			
46) 2-Hexanone-d5	8.68	63	208467	45.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.38%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91202	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	94674	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	68905	3.504	ug/L	92
13) Acetone	2.67	43	35046	9.393	ug/L	100
17) Methyl tert-butyl Ether	3.43	73	90047	1.701	ug/L #	76
18) trans-1,2-Dichloroethene	3.39	96	7020	0.331	ug/L	92
19) 1,1-Dichloroethane	3.92	63	3891	0.101	ug/L	97
21) 2-Butanone	4.78	43	14582	2.398	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	123787	5.277	ug/L	100
33) Benzene	5.82	78	365263	4.228	ug/L	100
34) Trichloroethene	6.58	95	458779	19.755	ug/L	95
42) Toluene	8.01	91	402829	4.224	ug/L	100
47) Tetrachloroethene	8.58	164	15352	0.793	ug/L	94
51) Chlorobenzene	9.48	112	266516	4.329	ug/L	99

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

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