Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Time: Oct 23 07:44:16 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	299319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100047	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	125089	6.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 137.00%#			
7) Chloroethane-d5	1.93	69	105216	6.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 126.20%			
11) 1,1-Dichloroethene-d2	2.60	63	164436	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	4.71	46	240295	45.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.64%			
24) Chloroform-d	5.11	84	180393	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
26) 1,2-Dichloroethane-d4	5.75	65	105650	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.40%			
32) Benzene-d6	5.77	84	396384	6.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.60%			
36) 1,2-Dichloropropane-d6	6.74	67	127615	6.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 124.40%			
41) Toluene-d8	7.93	98	348372	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
43) trans-1,3-Dichloropropene-	8.22	79	40889	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.69	63	192801	43.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.76%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101426	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	103470	5.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	494097	19.039	ug/L	100
12) 1,1-Dichloroethene	2.61	96	9613	0.500	ug/L #	1
13) Acetone	2.67	43	10394	2.849	ug/L	92
16) Methylene chloride	3.08	84	3608	0.156	ug/L	87
17) Methyl tert-butyl Ether	3.43	73	62809	1.214	ug/L #	80
18) trans-1,2-Dichloroethene	3.39	96	37909	1.827	ug/L	98
19) 1,1-Dichloroethane	3.92	63	73398	1.956	ug/L	99
21) 2-Butanone	4.79	43	10519	1.769	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	2342600	102.129	ug/L	99
33) Benzene	5.82	78	45429	0.546	ug/L	100
34) Trichloroethene	6.58	95	1548941	69.263	ug/L	97
42) Toluene	8.01	91	13652	0.149	ug/L	94
47) Tetrachloroethene	8.58	164	15518	0.833	ug/L	96

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

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