Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035364.D
Acq On : 22 Oct 2019 14:49
Operator : JC/SP
Sample : K5461-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G73

Quant Time: Oct 23 08:05:30 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	270775	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93723	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	107800	6.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 130.60%#			
7) Chloroethane-d5	1.93	69	92063	6.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.00%			
11) 1,1-Dichloroethene-d2	2.59	63	141680	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.71	46	187029	39.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.84%			
24) Chloroform-d	5.11	84	153088	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.75	65	92965	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.77	84	343086	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	6.74	67	109912	5.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.60%			
41) Toluene-d8	7.93	98	299717	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	8.22	79	38541	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.69	63	171506	41.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.76%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	87397	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	89454	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	299506	12.757	ug/L	99
12) 1,1-Dichloroethene	2.61	96	6840	0.393	ug/L #	1
13) Acetone	2.67	43	7402	2.243	ug/L	88
16) Methylene chloride	3.08	84	4504	0.215	ug/L	91
17) Methyl tert-butyl Ether	3.43	73	77199	1.649	ug/L #	91
18) trans-1,2-Dichloroethene	3.39	96	37551	2.000	ug/L	96
19) 1,1-Dichloroethane	3.92	63	43421	1.279	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	1700323	81.943	ug/L	98
33) Benzene	5.82	78	27601	0.352	ug/L	100
34) Trichloroethene	6.58	95	2172246	102.976	ug/L	98
42) Toluene	8.01	91	32128	0.371	ug/L	99
47) Tetrachloroethene	8.58	164	41243	2.347	ug/L	99
52) Ethylbenzene	9.60	91	7853	0.080	ug/L	94
53) m,p-Xylene	9.73	106	9665	0.260	ug/L	96
54) o-Xylene	10.13	106	3966	0.109	ug/L	79

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

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