Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\
Data File : VU029396.D
Acq On : 11 Feb 2019 14:45
Operator : JC/SP
Sample : K1410-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2F71

Quant Time: Feb 12 09:56:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222778	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116123	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	80989	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.68	69	68631	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.27	63	154864	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.19	46	154036	52.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.04%			
24) Chloroform-d	4.65	84	124381	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.31	65	64628	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.34	84	268180	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.33	67	78180	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.56	98	264931	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	7.85	79	35021	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.31	63	158561	53.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63957	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	113514	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	54581	3.219	ug/L	100
6) Bromomethane	1.62	94	50543	3.722	ug/L	99
9) Trichlorofluoromethane	1.88	101	205664	7.036	ug/L	99
12) 1,1-Dichloroethene	2.28	96	55061	3.373	ug/L #	77
13) Acetone	2.33	43	185385	78.227	ug/L	98
14) Carbon disulfide	2.48	76	246542	4.485	ug/L	100
16) Methylene chloride	2.70	84	40198	2.240	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	344436	8.376	ug/L	100
19) 1,1-Dichloroethane	3.44	63	254457	9.407	ug/L	99
21) 2-Butanone	4.28	43	355317	120.856	ug/L	99
27) 1,2-Dichloroethane	5.41	62	107175	7.076	ug/L	95
29) 1,1,1-Trichloroethane	4.91	97	192250	8.405	ug/L	97
30) Cyclohexane	4.99	56	230223	10.590	ug/L	97
34) Trichloroethene	6.18	95	77807	5.140	ug/L	100
35) Methylcyclohexane	6.41	83	154671	5.966	ug/L	99
37) 1,2-Dichloropropane	6.43	63	30241	2.251	ug/L	98
42) Toluene	7.63	91	522524	8.636	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.22	164	117695	8.376	ug/L	99
48) 2-Hexanone	8.36	43	314909	59.913	ug/L	99
50) 1,2-Dibromoethane	8.59	107	164140	16.193	ug/L	98
51) Chlorobenzene	9.12	112	433321	10.378	ug/L	98
52) Ethylbenzene	9.25	91	434359	6.299	ug/L	100
53) m,p-xylene	9.38	106	352684	12.801	ug/L	97
54) o-xylene	9.78	106	142056	5.310	ug/L	99
55) Styrene	9.79	104	236643	5.312	ug/L	100
56) Isopropylbenzene	10.16	105	238258	3.351	ug/L	99
61) Bromoform	9.96	173	46531	5.100	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	155761	4.256	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	399510	11.843	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	9100	4.018	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	256852	10.938	ug/L	99

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

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