Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041153.D
Acq On : 09 Nov 2020 20:00
Operator : SY/MD
Sample : L4646-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Time: Nov 10 04:18:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52659	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	50986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21850	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16767	3.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%			
7) Chloroethane-d5	1.92	69	16721	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.58	63	27795	3.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.00%			
20) 2-Butanone-d5	4.66	46	99801	68.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 137.00%#			
24) Chloroform-d	5.08	84	45253	5.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.80%			
26) 1,2-Dichloroethane-d4	5.72	65	29252	6.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.60%			
32) Benzene-d6	5.74	84	79843	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.20%			
36) 1,2-Dichloropropane-d6	6.70	67	29337	6.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 132.20%			
41) Toluene-d8	7.91	98	65601	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.19	79	10989	5.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.20%			
46) 2-Hexanone-d5	8.64	63	70567	68.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.22%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25697	6.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 124.60%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	28331	7.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 147.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2263	0.458	ug/L #	81
13) Acetone	2.66	43	1651	1.658	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	1821	0.190	ug/L #	83
18) trans-1,2-Dichloroethene	3.37	96	3074	0.813	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	239997	61.550	ug/L	97
25) Chloroform	5.11	83	3080	0.406	ug/L	93
27) 1,2-Dichloroethane	5.81	62	9999	1.771	ug/L	96
30) Cyclohexane	5.41	56	1064	0.173	ug/L #	85
33) Benzene	5.79	78	33247	2.182	ug/L	100
34) Trichloroethene	6.56	95	216288	55.787	ug/L	98
47) Tetrachloroethene	8.56	164	1660	0.582	ug/L	90
52) Ethylbenzene	9.57	91	920	0.057	ug/L	93
53) m,p-Xylene	9.69	106	2770	0.467	ug/L	100

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

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