Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU093020\
Data File : VU040409.D
Acq On : 30 Sep 2020 19:31
Operator : SY/MD
Sample : L4186-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0F5

Quant Time: Oct 01 04:34:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54133	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26961	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.92	69	26549	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.58	63	46584	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	4.66	46	163349	52.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.14%			
24) Chloroform-d	5.08	84	71498	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	44501	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.75	84	124910	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.70	67	45585	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.91	98	95160	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	8.19	79	16084	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	110579	49.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.66%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43795	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45427	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	38808	3.178	ug/L	100
12) 1,1-Dichloroethene	2.59	96	2900	0.301	ug/L #	1
14) Carbon disulfide	2.81	76	1995	0.066	ug/L #	87
17) Methyl tert-butyl Ether	3.38	73	4378	0.165	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	6867	0.690	ug/L	96
19) 1,1-Dichloroethane	3.89	63	3686	0.181	ug/L #	94
22) cis-1,2-Dichloroethene	4.69	96	379173	34.449	ug/L	100
34) Trichloroethene	6.56	95	1503	0.134	ug/L	94
55) Styrene	10.11	104	1620	0.057	ug/L	84

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

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