Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041370.D
Acq On : 20 Nov 2020 16:27
Operator : SY/MD
Sample : L4849-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4405

Quant Time: Nov 21 05:26:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22591	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16677	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.92	69	16303	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.57	63	29102	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	4.64	46	78791	47.72	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.44%			
24) Chloroform-d	5.08	84	48015	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
26) 1,2-Dichloroethane-d4	5.72	65	30147	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.74	84	83427	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
36) 1,2-Dichloropropane-d6	6.70	67	30712	5.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 119.60%			
41) Toluene-d8	7.91	98	71013	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11873	5.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.40%			
46) 2-Hexanone-d5	8.64	63	54031	45.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.46%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25082	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27178	6.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 123.40%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	61479	13.007	ug/L	98
12) 1,1-Dichloroethene	2.59	96	1364	0.385	ug/L #	1
13) Acetone	2.63	43	1221	1.115	ug/L #	67
17) Methyl tert-butyl Ether	3.38	73	207469	21.383	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	15341	4.444	ug/L	92
19) 1,1-Dichloroethane	3.89	63	10048	1.302	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	450853	115.653	ug/L	98
25) Chloroform	5.11	83	3254	0.389	ug/L	78
33) Benzene	5.79	78	7129	0.475	ug/L	100
34) Trichloroethene	6.56	95	496301	122.481	ug/L	98
47) Tetrachloroethene	8.56	164	6030	2.014	ug/L	87

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

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