Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040860.D
Acq On : 20 Oct 2020 20:16
Operator : SY/MD
Sample : L4428-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ51

Quant Time: Oct 21 02:31:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42950	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	63245	7.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 148.40%#			
7) Chloroethane-d5	1.92	69	36217	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.20%			
11) 1,1-Dichloroethene-d2	2.58	63	64831	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	4.66	46	168693	61.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.78%			
24) Chloroform-d	5.08	84	84688	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.40%			
26) 1,2-Dichloroethane-d4	5.72	65	51498	5.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.20%			
32) Benzene-d6	5.74	84	153290	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51978	5.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.20%			
41) Toluene-d8	7.91	98	121131	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19196	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.64	63	114830	56.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46991	5.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48863	6.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 122.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2857773	311.558	ug/L	99
12) 1,1-Dichloroethene	2.60	96	4956	0.676	ug/L #	1
13) Acetone	2.66	43	2746	1.300	ug/L	86
14) Carbon disulfide	2.81	76	8529	0.415	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	4803	0.232	ug/L #	90
18) trans-1,2-Dichloroethene	3.37	96	7371	0.960	ug/L	91
22) cis-1,2-Dichloroethene	4.69	96	3037427	366.854	ug/L	99
33) Benzene	5.79	78	3364	0.101	ug/L	100
34) Trichloroethene	6.56	95	45097	5.232	ug/L	97
42) Toluene	7.98	91	3408	0.101	ug/L	100
47) Tetrachloroethene	8.56	164	77140	12.545	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	2150	0.156	ug/L #	80

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

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