Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041363.D
Acq On : 20 Nov 2020 13:35
Operator : SY/MD
Sample : L4790-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4402

Quant Time: Nov 21 03:18:27 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	55914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22720	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19091	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.92	69	17223	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.58	63	30442	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	4.65	46	86824	51.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.40%			
24) Chloroform-d	5.08	84	51735	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.20%			
26) 1,2-Dichloroethane-d4	5.72	65	32476	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.80%			
32) Benzene-d6	5.74	84	88453	5.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.20%			
36) 1,2-Dichloropropane-d6	6.70	67	31408	5.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.60%			
41) Toluene-d8	7.91	98	72086	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	8.19	79	12144	5.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.60%			
46) 2-Hexanone-d5	8.64	63	60466	49.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27393	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28481	6.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 128.60%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	223484	46.041	ug/L	99
13) Acetone	2.66	43	1298	1.154	ug/L	92
14) Carbon disulfide	2.80	76	2905	0.271	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	1891	0.190	ug/L #	2
18) trans-1,2-Dichloroethene	3.37	96	2919	0.823	ug/L	94
19) 1,1-Dichloroethane	3.89	63	2397	0.302	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	142213	35.522	ug/L	97
30) Cyclohexane	5.40	56	1474	0.256	ug/L	91
33) Benzene	5.79	78	5743	0.372	ug/L	100
34) Trichloroethene	6.56	95	1213	0.291	ug/L	86
42) Toluene	7.97	91	892	0.054	ug/L #	64

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

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