Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041336.D
Acq On : 19 Nov 2020 00:58
Operator : SY/MD
Sample : L4790-20MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4419

Quant Time: Nov 19 02:25:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27991	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20533	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.92	69	17815	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.58	63	47989	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.66	46	88620	45.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.34%			
24) Chloroform-d	5.08	84	49372	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	30450	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.74	84	84442	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.70	67	29464	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.91	98	68487	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	10726	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.64	63	64347	46.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26277	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27513	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	72643	12.936	ug/L #	68
12) 1,1-Dichloroethene	2.59	96	24720	5.870	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	123065	10.675	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21908	5.342	ug/L	97
19) 1,1-Dichloroethane	3.89	63	7178	0.783	ug/L	86
22) cis-1,2-Dichloroethene	4.68	96	5866	1.266	ug/L	96
33) Benzene	5.79	78	116107	6.564	ug/L	100
34) Trichloroethene	6.55	95	28432	5.947	ug/L	99
42) Toluene	7.98	91	113649	6.012	ug/L	100
51) Chlorobenzene	9.45	112	73721	5.888	ug/L	98

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

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