Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\

Quantitation Report (QT Reviewed)

Data File : VU041324.D
Acq On : 18 Nov 2020 20:13
Operator : SY/MD
Sample : L4790-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 19 01:27:57 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	65650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26292	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22713	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.92	69	18657	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	35707	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	4.66	46	94984	47.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.40%			
24) Chloroform-d	5.08	84	49962	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.72	65	30928	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.74	84	85759	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.70	67	29436	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.91	98	67715	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11605	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.64	63	64656	46.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26832	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26288	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	266069	46.685	ug/L	99
12) 1,1-Dichloroethene	2.59	96	2950	0.690	ug/L #	1
13) Acetone	2.68	43	2541m	1.924	ug/L	
14) Carbon disulfide	2.81	76	1918	0.153	ug/L #	94
18) trans-1,2-Dichloroethene	3.37	96	53601	12.878	ug/L	99
19) 1,1-Dichloroethane	3.89	63	76988	8.273	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	138268	29.415	ug/L	96
33) Benzene	5.79	78	10962m	0.621	ug/L	
34) Trichloroethene	6.55	95	9133	1.916	ug/L	92

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

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