Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041150.D
Acq On : 09 Nov 2020 18:50
Operator : SY/MD
Sample : L4646-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W1

Quant Time: Nov 10 03:52:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17822	2.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.40%			
7) Chloroethane-d5	1.92	69	17141	3.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.40%			
11) 1,1-Dichloroethene-d2	2.58	63	33282	2.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.60%#			
20) 2-Butanone-d5	4.67	46	105759	53.59	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.18%			
24) Chloroform-d	5.08	84	46704	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.72	65	30781	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.74	84	84960	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.71	67	30739	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.91	98	72103	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloropropene-	8.19	79	11402	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	76406	55.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.76%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26726	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30169	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	3799	0.567	ug/L	92
12) 1,1-Dichloroethene	2.59	96	4009	0.796	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	29354	5.733	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	1780610	337.126	ug/L	94
29) 1,1,1-Trichloroethane	5.33	97	8041	0.968	ug/L #	89
30) Cyclohexane	5.41	56	2174	0.266	ug/L	93
33) Benzene	5.79	78	18566	0.915	ug/L	100
34) Trichloroethene	6.56	95	6533812	1265.543	ug/L	92
45) 1,1,2-Trichloroethane	8.41	97	3783	0.926	ug/L	83
47) Tetrachloroethene	8.56	164	15926	4.195	ug/L	93
52) Ethylbenzene	9.57	91	1474	0.068	ug/L	95
53) m,p-Xylene	9.69	106	4486	0.568	ug/L	100

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

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