Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041344.D
Acq On : 19 Nov 2020 15:31
Operator : SY/MD
Sample : L4790-06 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4398

Manual Integrations APPROVED
MMDadoda
11/20/2020 2:20:54 PM

Quant Time: Nov 20 06:44:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	64926	5.00	ug/L	0.05
28) Chlorobenzene-d5	9.43	117	65227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28874	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.64	65	13854	2.90	ug/L	0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.00%			
7) Chloroethane-d5	1.95	69	12842	3.14	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 62.80%#			
11) 1,1-Dichloroethene-d2	2.61	63	22799	2.31	ug/L	0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.20%#			
20) 2-Butanone-d5	4.79	46	60289m	30.62	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery = 61.24%			
24) Chloroform-d	5.13	84	42773	4.14	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.78	65	25970	3.85	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
32) Benzene-d6	5.80	84	65679	3.74	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.80%			
36) 1,2-Dichloropropane-d6	6.74	67	24757	4.09	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.80%			
41) Toluene-d8	7.92	98	52361	3.16	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.20%#			
43) trans-1,3-Dichloropropene-	8.20	79	9354	3.59	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.66	63	45723	32.82	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.64%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23211	3.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	23617	4.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.64	62	17059	3.027	ug/L #	69
14) Carbon disulfide	2.84	76	2115	0.170	ug/L	99
16) Methylene chloride	3.11	84	1195	0.226	ug/L	86
18) trans-1,2-Dichloroethene	3.40	96	1209	0.294	ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	113037	24.315	ug/L	96
34) Trichloroethene	6.59	95	786	0.165	ug/L	92
42) Toluene	8.00	91	22914	1.213	ug/L	99
52) Ethylbenzene	9.58	91	12096	0.600	ug/L	98
53) m,p-Xylene	9.70	106	6737	0.924	ug/L	97
54) o-Xylene	10.11	106	4606	0.656	ug/L	99
56) Isopropylbenzene	10.49	105	722	0.039	ug/L #	85

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

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