Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
Acq On : 20 Oct 2023 10:15
Operator : SY/MD
Sample : 04903-11DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 21 01:28:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Manual Integrations APPROVED

Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	88185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33541	4.677	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.600%			
7) Chloroethane-d5	1.532	69	31174	5.355	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.000%			
11) 1,1-Dichloroethene-d2	2.060	65	13324	4.405	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	3.809	46	87119	48.019	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.040%			
24) Chloroform-d	4.252	84	58642	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	4.947	65	31192	5.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.000%			
32) Benzene-d6	4.963	84	114496	3.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.200%			
36) 1,2-Dichloropropane-d6	5.992	67	37333	3.852	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.000%			
41) Toluene-d8	7.246	98	100166	3.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.800%			
43) trans-1,3-Dichloroprop...	7.561	79	13767	4.009	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.200%			
46) 2-Hexanone-d5	8.030	63	75008	46.420	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.840%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32013	4.722	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	11.564	152	41688	4.260	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.200%			
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	4081	0.484	ug/L	85
30) Cyclohexane	4.584	56	14879	1.002	ug/L	97
33) Benzene	5.018	78	5833	0.167	ug/L	100
35) Methylcyclohexane	6.053	83	5395	0.365	ug/L	93
42) Toluene	7.317	91	1003058	26.883	ug/L	98
52) Ethylbenzene	8.950	91	338690	8.152	ug/L	98
53) m,p-Xylene	9.072	106	393084	25.510	ug/L	100
54) o-Xylene	9.481	106	143183	9.643	ug/L	98
60) Isopropylbenzene	9.873	105	13102m	0.320	ug/L	
62) 1,3,5-Trimethylbenzene	10.480	105	39297	1.176	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	167989	5.052	ug/L	99

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

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