Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
Data File : VV021125.D
Acq On : 23 Apr 2021 17:26
Operator : SY/MD
Sample : M2144-05 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0GH5

Manual Integrations APPROVED
MMDadoda
4/26/2021 2:53:45 PM

Quant Time: Apr 24 03:46:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	695215	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	685291	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	365145	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193299	33.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.68%			
7) Chloroethane-d5	1.571	69	165565	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.108	63	301822	28.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.30%#			
21) 2-Butanone-d5	3.918	46	269625	96.65	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.65%			
24) Chloroform-d	4.352	84	422149	41.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.90%			
26) 1,2-Dichloroethane-d4	5.037	65	301687	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.20%			
32) Benzene-d6	5.053	84	764169	41.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.74%			
36) 1,2-Dichloropropane-d6	6.075	67	237863	43.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.32%			
41) Toluene-d8	7.320	98	713588	40.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.80%			
43) trans-1,3-Dichloroprop...	7.625	79	122123	41.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.04%			
47) 2-Hexanone-d5	8.095	63	227284	105.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.19%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	368963	44.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.80%			
66) 1,2-Dichlorobenzene-d4	11.631	152	336066m	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.18%			
Target Compounds						Qvalue
16) Methylene chloride	2.513	84	6328	1.22	ug/L	94
25) Chloroform	4.381	83	14255m	1.47	ug/L	
33) Benzene	5.101	78	997856	52.23	ug/L	100
51) Chlorobenzene	8.886	112	5561650	385.60	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	276250	25.41	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	2265372	202.79	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	2850277	253.93	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	408503	58.93	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	101503	14.35	ug/L	98

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

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