Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047891.D
Acq On : 09 Apr 2022 00:43
Operator : SY/MD
Sample : N2345-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J81

Manual Integrations APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 09 02:10:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	326532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	329285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112872	47.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.340%			
7) Chloroethane-d5	1.916	69	96093	51.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.940%			
11) 1,1-Dichloroethene-d2	2.568	63	148154	34.198	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.400%			
21) 2-Butanone-d5	4.620	46	178653	87.902	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.900%			
24) Chloroform-d	5.067	84	205115	47.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.680%			
26) 1,2-Dichloroethane-d4	5.703	65	133445	50.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.440%			
32) Benzene-d6	5.732	84	423874	51.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.320%			
36) 1,2-Dichloropropane-d6	6.694	67	131481	51.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.340%			
41) Toluene-d8	7.899	98	377422	46.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.500%			
43) trans-1,3-Dichloroprop...	8.179	79	56564	43.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.760%			
47) 2-Hexanone-d5	8.633	63	131672	88.393	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.390%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201396	46.118	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.240%			
66) 1,2-Dichlorobenzene-d4	12.195	152	162513	52.168	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.340%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.671	96	1614	0.609	ug/L	92
33) Benzene	5.771	78	21376413m	2242.773	ug/L	
51) Chlorobenzene	9.449	112	10402374	1464.936	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	19167	3.644	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	248348	45.584	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	138974	26.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40364	10.788	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	16620	4.431	ug/L	99

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

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