Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035012.D
Acq On : 05 Apr 2024 17:43
Operator : SY/MD
Sample : P2006-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 06 01:05:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 00:54:20 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MC0R52

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	374200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	189252m	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139657	40.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.800%			
7) Chloroethane-d5	1.529	69	139571	46.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.980%			
11) 1,1-Dichloroethene-d2	2.059	65	60207	39.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.480%			
21) 2-Butanone-d5	3.789	46	182706	89.126	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.130%			
24) Chloroform-d	4.246	84	270770	46.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.180%			
26) 1,2-Dichloroethane-d4	4.944	65	186350	50.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.020%			
32) Benzene-d6	4.963	84	556287	44.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.520%			
36) 1,2-Dichloropropane-d6	5.985	67	178585	44.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.480%			
41) Toluene-d8	7.243	98	467766	41.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.640%			
43) trans-1,3-Dichloroprop...	7.551	79	78277	40.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.680%			
47) 2-Hexanone-d5	8.024	63	115972	76.848	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.850%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245701	44.701	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	199697	46.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
33) Benzene	4.998	78	29420734m	2411.114	ug/L	
51) Chlorobenzene	8.812	112	20163553m	2435.324	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	119466	18.737	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	4542978	700.666	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3508351	552.365	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	32667	7.739	ug/L	99

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

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