Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
Data File : VV033803.D
Acq On : 22 Jan 2024 15:24
Operator : SY/MD
Sample : P1190-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 22 23:45:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DCMM3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	215757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81543	49.176	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.360%		
7) Chloroethane-d5	1.532	69	60195	45.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.680%		
11) 1,1-Dichloroethene-d2	2.063	65	34707	48.634	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.260%		
21) 2-Butanone-d5	3.783	46	90921	79.940	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.940%		
24) Chloroform-d	4.249	84	129268	43.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	4.941	65	87778	45.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.640%		
32) Benzene-d6	4.960	84	255437	44.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.100%		
36) 1,2-Dichloropropane-d6	5.989	67	79322	41.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.120%		
41) Toluene-d8	7.243	98	239153	45.774	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.540%		
43) trans-1,3-Dichloroprop...	7.551	79	38808	41.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.280%		
47) 2-Hexanone-d5	8.021	63	60264	76.116	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.120%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	103464	42.460	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.920%		
66) 1,2-Dichlorobenzene-d4	11.561	152	94343	47.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.980%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1263585	647.132	ug/L	99
8) Chloroethane	1.548	64	2886	2.479	ug/L #	72
12) 1,1-Dichloroethene	2.069	96	5508	4.254	ug/L #	1
14) Carbon disulfide	2.256	76	12954m	2.943	ug/L	
17) trans-1,2-Dichloroethene	2.696	96	32719	22.621	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	4309574	2677.064	ug/L	95
34) Trichloroethene	5.838	95	18967	11.802	ug/L	99
46) Tetrachloroethene	7.908	164	1608	1.364	ug/L	96

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

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