Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037630.D
Acq On : 28 Sep 2024 00:14
Operator : SY/MD
Sample : P4185-11
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 04:22:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EY054

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	582127	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	569172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	260992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196890	38.529	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.060%		
7) Chloroethane-d5	1.532	69	169130	42.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.280%		
11) 1,1-Dichloroethene-d2	2.060	65	87799	41.124	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.240%		
21) 2-Butanone-d5	3.796	46	153097	84.113	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.110%		
24) Chloroform-d	4.243	84	409830	45.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.160%		
26) 1,2-Dichloroethane-d4	4.937	65	244051	45.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
32) Benzene-d6	4.953	84	794297	44.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.200%		
36) 1,2-Dichloropropane-d6	5.986	67	256797	45.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.560%		
41) Toluene-d8	7.239	98	701374	43.429	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.860%		
43) trans-1,3-Dichloroprop...	7.551	79	105159	39.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.820%		
47) 2-Hexanone-d5	8.024	63	91048	76.027	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.030%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	288278	43.746	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.500%		
66) 1,2-Dichlorobenzene-d4	11.554	152	269454	48.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
Target Compounds						Qvalue
8) Chloroethane	1.548	64	5845	1.839	ug/L	92
19) 1,1-Dichloroethane	3.108	63	111468	14.190	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	6553m	1.428	ug/L	
30) 1,1,1-Trichloroethane	4.506	97	66728	9.519	ug/L	99
34) Trichloroethene	5.834	95	26626	5.824	ug/L	96

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

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