Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037604.D
Acq On : 27 Sep 2024 14:32
Operator : SY/MD
Sample : P4184-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 27 23:49:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EY034

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	634994	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	612255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	285600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219495	39.377	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.760%			
7) Chloroethane-d5	1.532	69	183780	42.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.940%			
11) 1,1-Dichloroethene-d2	2.059	65	96592	41.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.960%			
21) 2-Butanone-d5	3.793	46	181930	91.632	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.630%			
24) Chloroform-d	4.243	84	416149	41.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.920%			
26) 1,2-Dichloroethane-d4	4.937	65	251987	43.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.820%			
32) Benzene-d6	4.953	84	839552	43.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.640%			
36) 1,2-Dichloropropane-d6	5.985	67	261382	42.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.680%			
41) Toluene-d8	7.239	98	734243	42.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.520%			
43) trans-1,3-Dichloroprop...	7.551	79	118773	41.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.820%			
47) 2-Hexanone-d5	8.024	63	106728	82.849	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.850%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	304769	42.995	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.980%			
66) 1,2-Dichlorobenzene-d4	11.554	152	280272	46.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.140%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	112849	20.057	ug/L	95
8) Chloroethane	1.548	64	31933	9.208	ug/L	97
12) 1,1-Dichloroethene	2.069	96	17916m	4.238	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	12455	2.785	ug/L	92
19) 1,1-Dichloroethane	3.104	63	1369214	159.792	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	950610	189.943	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	914653	121.295	ug/L	100
34) Trichloroethene	5.841	95	10293	2.093	ug/L	88
46) Tetrachloroethene	7.902	164	42282	11.246	ug/L	97

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

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