Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
Data File : VV037683.D
Acq On : 01 Oct 2024 01:38
Operator : SY/MD
Sample : P4205-01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY075

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 07:49:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 01 04:32:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654871	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	631827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	297750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	187881	32.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.360%			
7) Chloroethane-d5	1.532	69	168898	37.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.700%			
11) 1,1-Dichloroethene-d2	2.059	65	88707	36.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.860%			
21) 2-Butanone-d5	3.786	46	201781	98.546	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.550%			
24) Chloroform-d	4.243	84	452208	44.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.420%			
26) 1,2-Dichloroethane-d4	4.937	65	279746	46.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.460%			
32) Benzene-d6	4.953	84	874090	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.420%			
36) 1,2-Dichloropropane-d6	5.982	67	290899	46.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.420%			
41) Toluene-d8	7.236	98	781552	43.594	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.180%			
43) trans-1,3-Dichloroprop...	7.548	79	124509	42.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.140%			
47) 2-Hexanone-d5	8.024	63	118812	89.373	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.370%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	333555	45.598	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	11.554	152	325347	51.855	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.700%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1027567	177.090	ug/L	99
8) Chloroethane	1.548	64	1011791	282.907	ug/L	98
12) 1,1-Dichloroethene	2.072	96	50441m	11.570	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	140741	30.515	ug/L	99
19) 1,1-Dichloroethane	3.104	63	5429393	614.398	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	4864462	942.477	ug/L	99
27) 1,2-Dichloroethane	5.043	62	45239	7.004	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	1165227	149.738	ug/L	99
33) Benzene	5.011	78	48950	2.569	ug/L	100
34) Trichloroethene	5.828	95	162235	31.970	ug/L	98
46) Tetrachloroethene	7.898	164	69281	17.856	ug/L	94

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

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