Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
Operator : SY/MD
Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 27 05:59:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EY061

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	633159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	621860	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242307	43.595	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.200%			
7) Chloroethane-d5	1.532	69	188317	43.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.300%			
11) 1,1-Dichloroethene-d2	2.059	65	101190	43.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.160%			
21) 2-Butanone-d5	3.793	46	170511	86.130	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.130%			
24) Chloroform-d	4.243	84	433306	43.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.640%			
26) 1,2-Dichloroethane-d4	4.937	65	258652	44.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.380%			
32) Benzene-d6	4.953	84	857806	44.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.160%			
36) 1,2-Dichloropropane-d6	5.985	67	274256	44.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.520%			
41) Toluene-d8	7.239	98	764646	43.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.660%			
43) trans-1,3-Dichloroprop...	7.551	79	111728	38.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.640%			
47) 2-Hexanone-d5	8.024	63	116860	89.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.310%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306897	42.626	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.260%			
66) 1,2-Dichlorobenzene-d4	11.554	152	305161	46.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1111973	198.208	ug/L	99
8) Chloroethane	1.548	64	2873299	830.953	ug/L	97
16) Methylene chloride	2.445	84	20225	4.238	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	24475	5.488	ug/L	97
19) 1,1-Dichloroethane	3.104	63	866132	101.374	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	127782	25.606	ug/L	96
27) 1,2-Dichloroethane	5.043	62	29620	4.743	ug/L	98
52) Ethylbenzene	8.943	91	141471	6.464	ug/L	100
54) o-Xylene	9.480	106	9720	1.222	ug/L	91
60) Isopropylbenzene	9.866	105	25626m	1.263	ug/L	
63) 1,2,4-Trimethylbenzene	10.847	105	65908	4.129	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	24070	2.493	ug/L	98

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

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