Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037638.D
Acq On : 28 Sep 2024 03:06
Operator : SY/MD
Sample : P4185-21
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY074

Quant Time: Sep 28 04:24:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	592177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	581297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	260415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190414	36.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.260%			
7) Chloroethane-d5	1.532	69	161691	40.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.140%			
11) 1,1-Dichloroethene-d2	2.060	65	84167	38.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.500%			
21) 2-Butanone-d5	3.789	46	167117	90.257	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.260%			
24) Chloroform-d	4.243	84	388717	42.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.060%			
26) 1,2-Dichloroethane-d4	4.937	65	238683	44.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.180%			
32) Benzene-d6	4.953	84	772241	42.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.900%			
36) 1,2-Dichloropropane-d6	5.982	67	252437	43.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.160%			
41) Toluene-d8	7.239	98	681523	41.319	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.640%			
43) trans-1,3-Dichloroprop...	7.551	79	100715	37.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.860%			
47) 2-Hexanone-d5	8.024	63	87494	71.536	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 71.540%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	279560	41.539	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.080%			
66) 1,2-Dichlorobenzene-d4	11.554	152	260294	47.434	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	879757	167.669	ug/L	99
8) Chloroethane	1.548	64	451224	139.524	ug/L	99
12) 1,1-Dichloroethene	2.069	96	43538	11.043	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	167428	40.144	ug/L	99
19) 1,1-Dichloroethane	3.105	63	5655105	707.690	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	5871081	1257.935	ug/L	99
27) 1,2-Dichloroethane	5.043	62	45093	7.720	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	301338	42.090	ug/L	99
33) Benzene	5.008	78	67703	3.862	ug/L	100
34) Trichloroethene	5.828	95	301863	64.656	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	7281	1.675	ug/L	98
46) Tetrachloroethene	7.899	164	109783	30.755	ug/L	95

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

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