Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037603.D
Acq On : 27 Sep 2024 14:11
Operator : SY/MD
Sample : P4184-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : EY038

Quant Time: Sep 27 23:49:27 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	613813	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	594753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	293176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213710	39.662	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.320%			
7) Chloroethane-d5	1.532	69	178360	42.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.280%			
11) 1,1-Dichloroethene-d2	2.060	65	92994	41.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.620%			
21) 2-Butanone-d5	3.793	46	168621	87.860	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.860%			
24) Chloroform-d	4.243	84	406033	42.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.700%			
26) 1,2-Dichloroethane-d4	4.937	65	246240	43.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.760%			
32) Benzene-d6	4.953	84	814351	43.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.520%			
36) 1,2-Dichloropropane-d6	5.986	67	262294	44.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.520%			
41) Toluene-d8	7.236	98	711884	42.183	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.360%			
43) trans-1,3-Dichloroprop...	7.551	79	113515	41.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.460%			
47) 2-Hexanone-d5	8.024	63	103120	82.404	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.400%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	297892	43.261	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.520%			
66) 1,2-Dichlorobenzene-d4	11.554	152	282760	45.770	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	49369	9.077	ug/L	93
8) Chloroethane	1.548	64	29907	8.922	ug/L	100
12) 1,1-Dichloroethene	2.069	96	9181	2.247	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	199686	24.108	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	95159	19.670	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	201654	27.529	ug/L	100
34) Trichloroethene	5.828	95	197104	41.262	ug/L	99
46) Tetrachloroethene	7.899	164	140315	38.419	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	37754	2.518	ug/L	98

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

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