Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037552.D
Acq On : 26 Sep 2024 16:49
Operator : SY/MD
Sample : P4184-01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : EY029

Quant Time: Sep 27 00:52:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	707506	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	670715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	272350	43.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.700%			
7) Chloroethane-d5	1.532	69	206451	42.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.640%			
11) 1,1-Dichloroethene-d2	2.060	65	114408	44.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.180%			
21) 2-Butanone-d5	3.789	46	205127	92.727	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.730%			
24) Chloroform-d	4.243	84	461281	41.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.500%			
26) 1,2-Dichloroethane-d4	4.937	65	278682	43.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.180%			
32) Benzene-d6	4.953	84	933634	44.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.960%			
36) 1,2-Dichloropropane-d6	5.986	67	292321	43.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.480%			
41) Toluene-d8	7.236	98	822558	43.221	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.440%			
43) trans-1,3-Dichloroprop...	7.548	79	128455	41.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.760%			
47) 2-Hexanone-d5	8.024	63	123995	87.864	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.860%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	328684	42.327	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.660%			
66) 1,2-Dichlorobenzene-d4	11.554	152	308219	46.017	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.040%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	425395	67.858	ug/L	98
8) Chloroethane	1.548	64	374798	97.001	ug/L	98
12) 1,1-Dichloroethene	2.069	96	18297	3.885	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	36457	7.316	ug/L	99
19) 1,1-Dichloroethane	3.105	63	2256164	236.317	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1213650	217.648	ug/L	99
27) 1,2-Dichloroethane	5.043	62	45228	6.481	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	532592	64.473	ug/L	100
33) Benzene	5.011	78	23793	1.176	ug/L	100
34) Trichloroethene	5.831	95	52323	9.713	ug/L	98
46) Tetrachloroethene	7.905	164	22043	5.352	ug/L	94

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

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