

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037469.D
 Acq On : 23 Sep 2024 10:32
 Operator : SY/MD
 Sample : P4106-04 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SX9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 03:57:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	319276	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	322447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	162521	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	269035	92.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 184.240%#			
7) Chloroethane-d5	1.532	69	222923	98.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 197.520%#			
11) 1,1-Dichloroethene-d2	2.060	65	117273	95.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 191.080%#			
21) 2-Butanone-d5	3.789	46	187670	165.932	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 165.930%#			
24) Chloroform-d	4.240	84	482223	105.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 211.000%#			
26) 1,2-Dichloroethane-d4	4.931	65	288812	100.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 200.660%#			
32) Benzene-d6	4.950	84	983658	101.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 202.000%#			
36) 1,2-Dichloropropane-d6	5.982	67	310781	101.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 203.760%#			
41) Toluene-d8	7.236	98	854535	97.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 194.440%#			
43) trans-1,3-Dichloroprop...	7.548	79	130755	92.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 185.300%#			
47) 2-Hexanone-d5	8.021	63	117095	140.651	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 140.650%#			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	328656	88.836	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 177.680%#			
66) 1,2-Dichlorobenzene-d4	11.551	152	335937m	103.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 206.420%#			
Target Compounds						
31) Carbon tetrachloride	4.725	117	4327	1.382	ug/L	94
33) Benzene	5.002	78	761957	81.882	ug/L	100
51) Chlorobenzene	8.805	112	4609660	718.652	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	209604	43.083	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	1814151	364.327	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	2238188	467.873	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	290971	91.280	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	59206	18.847	ug/L	97

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

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