

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036404.D
 Acq On : 02 Jul 2024 03:19
 Operator : SY/MD
 Sample : P3087-23
 Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CZ5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 05:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	497951	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	359937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	87066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	129487	15.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.240%		
7) Chloroethane-d5	1.526	69	125201	18.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.160%		
11) 1,1-Dichloroethene-d2	2.050	65	58309	14.667	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.680%		
21) 2-Butanone-d5	3.873	46	24370m	12.416	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.840%		
24) Chloroform-d	4.243	84	291899	19.859	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.440%		
26) 1,2-Dichloroethane-d4	4.937	65	147479	18.815	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.240%		
32) Benzene-d6	4.953	84	497384	24.479	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.920%		
36) 1,2-Dichloropropane-d6	5.982	67	174974	28.630	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	114.520%		
41) Toluene-d8	7.239	98	362349	19.779	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.120%		
43) trans-1,3-Dichloroprop...	7.561	79	19800	7.255	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	29.000%#		
47) 2-Hexanone-d5	8.063	63	3993m	4.093	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	8.180%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108432	21.644	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.560%		
66) 1,2-Dichlorobenzene-d4	11.558	152	69729	21.977	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.920%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	9807m	3.698	ug/L	

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

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