

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036210.D
 Acq On : 21 Jun 2024 16:27
 Operator : SY/MD
 Sample : P2909-22RE
 Misc : 4.74g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B46RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 22 00:14:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	466082	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	329181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	183839	21.454	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.800%		
7) Chloroethane-d5	1.526	69	154269	22.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.320%		
11) 1,1-Dichloroethene-d2	2.050	65	83853	21.982	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.920%		
21) 2-Butanone-d5	3.857	46	27930m	14.206	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	28.420%		
24) Chloroform-d	4.243	84	287001	19.369	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.480%		
26) 1,2-Dichloroethane-d4	4.937	65	144323	18.577	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.320%		
32) Benzene-d6	4.953	84	565211	28.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.560%		
36) 1,2-Dichloropropane-d6	5.986	67	172776	28.039	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.160%		
41) Toluene-d8	7.243	98	401590	23.261	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.040%		
43) trans-1,3-Dichloroprop...	7.558	79	45695	18.086	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.360%		
47) 2-Hexanone-d5	8.034	63	19028	22.792	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.580%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	82210	17.854	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	52073	20.397	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.600%		

Target Compounds Qvalue

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

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