

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036654.D
 Acq On : 23 Jul 2024 18:12
 Operator : SY/MD
 Sample : P3276-12
 Misc : 9.62g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J1

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 01:02:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	399874	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	405898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	194963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	52303	11.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.760%		
7) Chloroethane-d5	1.526	69	55389	14.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.000%		
11) 1,1-Dichloroethene-d2	2.050	65	25356	10.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	43.800%#		
21) 2-Butanone-d5	3.831	46	56123	54.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.820%		
24) Chloroform-d	4.243	84	185660	17.555	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.240%		
26) 1,2-Dichloroethane-d4	4.940	65	109505	20.988	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.960%		
32) Benzene-d6	4.953	84	267591	13.910	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	55.640%		
36) 1,2-Dichloropropane-d6	5.985	67	97793	17.841	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	71.360%		
41) Toluene-d8	7.243	98	217537	11.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	47.400%		
43) trans-1,3-Dichloroprop...	7.558	79	40746	16.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.880%		
47) 2-Hexanone-d5	8.030	63	48119	65.964	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.920%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138672	29.026	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152	153878	22.610	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.440%		
Target Compounds					Qvalue	
13) Acetone	2.150	43	24138m	14.538	ug/L	
34) Trichloroethene	5.837	95	3320	0.440	ug/L	94

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

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