

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036332.D
 Acq On : 28 Jun 2024 01:48
 Operator : SY/MD
 Sample : P3010-12
 Misc : 5.96g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B65

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jun 28 05:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	342384	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	201692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	169520	29.153	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.600%			
7) Chloroethane-d5	1.526	69	143664	30.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.720%			
11) 1,1-Dichloroethene-d2	2.050	65	69825	25.544	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.160%			
21) 2-Butanone-d5	3.873	46	12235m	9.066	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 18.140%#			
24) Chloroform-d	4.243	84	259292	25.656	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.640%			
26) 1,2-Dichloroethane-d4	4.937	65	135488	25.139	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.560%			
32) Benzene-d6	4.953	84	391843	34.416	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 137.680%#			
36) 1,2-Dichloropropane-d6	5.982	67	152735	44.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 178.400%#			
41) Toluene-d8	7.243	98	225810	21.997	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	7.561	79	15521	10.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 40.600%			
47) 2-Hexanone-d5	8.047	63	5628m	10.295	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 20.600%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	83523	29.753	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	39701	24.208	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.840%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	21846	3.241	ug/L	99

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

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