

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036098.D
 Acq On : 17 Jun 2024 14:59
 Operator : SY/MD
 Sample : P2909-01
 Misc : 4.63g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B75

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 18 02:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	486144	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	150019	16.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.120%		
7) Chloroethane-d5	1.526	69	132274	18.560	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.240%		
11) 1,1-Dichloroethene-d2	2.050	65	69691	17.515	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.080%		
21) 2-Butanone-d5	3.850	46	32540m	15.868	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	31.740%		
24) Chloroform-d	4.243	84	259723	16.804	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.200%		
26) 1,2-Dichloroethane-d4	4.937	65	129981	16.040	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	64.160%#		
32) Benzene-d6	4.953	84	457730	21.975	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.920%		
36) 1,2-Dichloropropane-d6	5.985	67	152143	23.195	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.760%		
41) Toluene-d8	7.239	98	326926	17.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.160%		
43) trans-1,3-Dichloroprop...	7.555	79	43234	16.075	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.320%		
47) 2-Hexanone-d5	8.037	63	17011	19.141	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	38.280%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	68931	14.063	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	56.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	47510	16.775	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.080%#		
Target Compounds					Qvalue	
13) Acetone	2.140	43	14059	4.401	ug/L #	63
16) Methylene chloride	2.442	84	85252	7.750	ug/L	99
42) Toluene	7.326	91	9491	0.405	ug/L	95

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

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