

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036160.D
 Acq On : 20 Jun 2024 13:37
 Operator : SY/MD
 Sample : P2909-20
 Misc : 5.32g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B43

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 01:48:02 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	539644	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	462796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	128586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	143292	14.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.760%		
7) Chloroethane-d5	1.526	69	127402	16.105	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.400%		
11) 1,1-Dichloroethene-d2	2.050	65	68015	15.399	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.600%		
21) 2-Butanone-d5	3.838	46	55747m	24.490	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.980%		
24) Chloroform-d	4.243	84	275551	16.061	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	64.240%		
26) 1,2-Dichloroethane-d4	4.937	65	142589	15.852	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.400%#		
32) Benzene-d6	4.953	84	503720	18.311	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.240%		
36) 1,2-Dichloropropane-d6	5.986	67	167923	19.384	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.520%		
41) Toluene-d8	7.239	98	388213	15.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.960%		
43) trans-1,3-Dichloroprop...	7.555	79	52005	14.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.560%		
47) 2-Hexanone-d5	8.030	63	30882	26.311	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	52.620%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	98264	15.179	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	60.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	79712	16.905	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.600%#		
Target Compounds						Qvalue
13) Acetone	2.143	43	16018m	4.517	ug/L	
16) Methylene chloride	2.442	84	31321	2.565	ug/L	99

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

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