

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036209.D
 Acq On : 21 Jun 2024 16:04
 Operator : SY/MD
 Sample : P2909-19RE
 Misc : 5.24g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B42RE

Quant Time: Jun 22 00:14:25 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	323622	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	215006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	43394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128656	21.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.480%		
7) Chloroethane-d5	1.529	69	107014	22.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.240%		
11) 1,1-Dichloroethene-d2	2.053	65	57249	21.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.440%		
21) 2-Butanone-d5	3.870	46	12217m	8.950	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	17.900%#		
24) Chloroform-d	4.246	84	194772	18.931	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.720%		
26) 1,2-Dichloroethane-d4	4.940	65	101846	18.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.520%		
32) Benzene-d6	4.957	84	370848	29.017	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	116.080%		
36) 1,2-Dichloropropane-d6	5.985	67	117859	29.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.120%		
41) Toluene-d8	7.243	98	243053	21.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	7.561	79	20216	12.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	49.000%		
47) 2-Hexanone-d5	8.043	63	7886	14.462	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	28.920%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	56992	18.950	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.800%		
66) 1,2-Dichlorobenzene-d4	11.561	152	30166	18.957	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.840%		
Target Compounds						Qvalue
16) Methylene chloride	2.445	84	18524	2.530	ug/L	98

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

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