

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061324\  
 Data File : VV036049.D  
 Acq On : 13 Jun 2024 09:34  
 Operator : SY/MD  
 Sample : VV0613SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**ClientSampleId :**  
 VBLK320

Quant Time: Jun 14 01:15:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 14 01:10:24 2024  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Mahesh Dadoda 06/20/2024  
 Supervised By :Semsettin Yesilyurt 06/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	5.532	114	370388	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	377017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166924	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.272	65	121799	17.886	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	71.560%		
7) Chloroethane-d5	1.529	69	112176	20.660	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	82.640%		
11) 1,1-Dichloroethene-d2	2.053	65	58878	19.422	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	77.680%		
21) 2-Butanone-d5	3.847	46	73121m	46.801	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	93.600%		
24) Chloroform-d	4.243	84	256938	21.820	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	87.280%		
26) 1,2-Dichloroethane-d4	4.941	65	141983	22.997	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	92.000%		
32) Benzene-d6	4.953	84	481338	21.478	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	85.920%		
36) 1,2-Dichloropropane-d6	5.985	67	164198	23.266	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	93.080%		
41) Toluene-d8	7.239	98	385285	19.485	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	77.920%		
43) trans-1,3-Dichloroprop...	7.555	79	58349	20.164	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	80.640%		
47) 2-Hexanone-d5	8.034	63	38361	40.119	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	80.240%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138882	26.335	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	105.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	152226	24.868	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	99.480%		

Target Compounds Qvalue

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

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