

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072724\
 Data File : VV036724.D
 Acq On : 26 Jul 2024 12:17
 Operator : SY/MD
 Sample : VV0727SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK355

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/10/2024
 Supervised By :Semsettin Yesilyurt 08/10/2024

Quant Time: Jul 27 05:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	453921	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	454770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	203214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	93433	18.794	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.160%		
7) Chloroethane-d5	1.526	69	95471	21.262	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.040%		
11) 1,1-Dichloroethene-d2	2.050	65	48127	18.308	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.240%		
21) 2-Butanone-d5	3.860	46	30155m	25.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.980%		
24) Chloroform-d	4.240	84	253048	21.078	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.320%		
26) 1,2-Dichloroethane-d4	4.937	65	124203	20.971	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.880%		
32) Benzene-d6	4.954	84	435523	20.207	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.840%		
36) 1,2-Dichloropropane-d6	5.982	67	136527	22.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	7.240	98	381653	18.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.200%		
43) trans-1,3-Dichloroprop...	7.555	79	46861	17.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.640%		
47) 2-Hexanone-d5	8.037	63	19427	23.770	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	47.540%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100878	18.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.400%		
66) 1,2-Dichlorobenzene-d4	11.558	152	154069	21.719	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.880%		

Target Compounds Qvalue

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

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