

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035783.D
 Acq On : 25 May 2024 09:59
 Operator : SY/MD
 Sample : VV0525SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK308

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 01:42:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 01:41:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	517630	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	523356	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	233048	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	204407	25.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.200%			
7) Chloroethane-d5	1.529	69	161039	24.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.800%			
11) 1,1-Dichloroethene-d2	2.053	65	86792	24.504	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.000%			
21) 2-Butanone-d5	3.854	46	76237m	33.577	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.160%			
24) Chloroform-d	4.243	84	343895	22.347	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	4.937	65	176646	23.219	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.880%			
32) Benzene-d6	4.953	84	682805	23.834	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.320%			
36) 1,2-Dichloropropane-d6	5.985	67	212944	24.086	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.360%			
41) Toluene-d8	7.239	98	583329	22.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.520%			
43) trans-1,3-Dichloroprop...	7.555	79	82262	21.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.040%			
47) 2-Hexanone-d5	8.034	63	44726	28.134	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.260%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	149420	17.539	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 70.160%			
66) 1,2-Dichlorobenzene-d4	11.558	152	204530	25.289	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.160%			

Target Compounds Qvalue

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

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