

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036154.D
 Acq On : 20 Jun 2024 11:06
 Operator : SY/MD
 Sample : P2850-19
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 01:47:23 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	288274	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	124252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124830	23.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.200%			
7) Chloroethane-d5	1.526	69	107911	25.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.160%			
11) 1,1-Dichloroethene-d2	2.047	65	59659	25.286	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.160%			
21) 2-Butanone-d5	3.838	46	58547m	48.147	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.300%			
24) Chloroform-d	4.243	84	240728	26.266	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.080%			
26) 1,2-Dichloroethane-d4	4.937	65	134714	28.035	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.160%			
32) Benzene-d6	4.954	84	446288	25.313	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.240%			
36) 1,2-Dichloropropane-d6	5.986	67	152697	27.503	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.000%			
41) Toluene-d8	7.240	98	361065	23.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.840%			
43) trans-1,3-Dichloroprop...	7.551	79	55838	24.528	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.120%			
47) 2-Hexanone-d5	8.031	63	32771	43.565	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.140%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	120440	29.030	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.120%			
66) 1,2-Dichlorobenzene-d4	11.558	152	127367	27.953	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.800%			
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	17024	2.610	ug/L	96

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

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