

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036342.D
 Acq On : 28 Jun 2024 12:19
 Operator : SY/MD
 Sample : P2962-14
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jun 29 02:15:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344940	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	267663	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142427	24.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.240%			
7) Chloroethane-d5	1.529	69	127525	27.254	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.000%			
11) 1,1-Dichloroethene-d2	2.053	65	67476	24.502	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.000%			
21) 2-Butanone-d5	3.867	46	28843m	21.214	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 42.420%			
24) Chloroform-d	4.243	84	256233	25.166	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.680%			
26) 1,2-Dichloroethane-d4	4.941	65	131178	24.159	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.640%			
32) Benzene-d6	4.953	84	480056	31.772	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.080%			
36) 1,2-Dichloropropane-d6	5.986	67	150118	33.030	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 132.120%#			
41) Toluene-d8	7.240	98	344897	25.317	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.280%			
43) trans-1,3-Dichloroprop...	7.555	79	41254	20.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.320%			
47) 2-Hexanone-d5	8.037	63	15333	21.135	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 42.280%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	78651	21.112	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.440%			
66) 1,2-Dichlorobenzene-d4	11.558	152	53630	23.475	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.920%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	19118	2.815	ug/L	96

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

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