

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036162.D
 Acq On : 20 Jun 2024 14:43
 Operator : SY/MD
 Sample : P2909-22
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B46

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 01:48:14 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	233077	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123022	28.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.840%			
7) Chloroethane-d5	1.526	69	105201	30.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.160%			
11) 1,1-Dichloroethene-d2	2.047	65	55956	29.333	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 117.320%#			
21) 2-Butanone-d5	3.854	46	22566m	22.952	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 45.900%			
24) Chloroform-d	4.240	84	210972	28.471	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.880%			
26) 1,2-Dichloroethane-d4	4.937	65	112828	29.041	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.160%			
32) Benzene-d6	4.950	84	385288	35.081	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 140.320%#			
36) 1,2-Dichloropropane-d6	5.982	67	126401	36.547	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 146.200%#			
41) Toluene-d8	7.240	98	268928	27.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.000%			
43) trans-1,3-Dichloroprop...	7.555	79	32468	22.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.600%			
47) 2-Hexanone-d5	8.034	63	15497	33.072	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.140%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63958	24.747	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	11.561	152	37905	25.461	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.840%			
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	26008	4.931	ug/L	95

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

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