

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036303.D
 Acq On : 27 Jun 2024 11:02
 Operator : SY/MD
 Sample : VV0627SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK334

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 00:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	378228	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366760	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	156214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	168492	26.231	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.920%			
7) Chloroethane-d5	1.526	69	134128	26.143	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.560%			
11) 1,1-Dichloroethene-d2	2.050	65	76977	25.492	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.960%			
21) 2-Butanone-d5	3.851	46	53370m	35.799	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.600%			
24) Chloroform-d	4.240	84	266397	23.861	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.440%			
26) 1,2-Dichloroethane-d4	4.937	65	144640	24.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.160%			
32) Benzene-d6	4.950	84	547740	26.456	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.840%			
36) 1,2-Dichloropropane-d6	5.982	67	164039	26.341	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.360%			
41) Toluene-d8	7.239	98	478456	25.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.520%			
43) trans-1,3-Dichloroprop...	7.551	79	66969	24.082	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.320%			
47) 2-Hexanone-d5	8.034	63	33264	33.463	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.920%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	112467	22.032	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.120%			
66) 1,2-Dichlorobenzene-d4	11.558	152	155272	27.276	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.120%			
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	36132	4.852	ug/L	99

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

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