

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036064.D
 Acq On : 13 Jun 2024 15:40
 Operator : SY/MD
 Sample : P2775-12RE
 Misc : 4.82g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C93RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:19:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	378477	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	78457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	115733	16.632	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.520%		
7) Chloroethane-d5	1.526	69	114617	20.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.640%		
11) 1,1-Dichloroethene-d2	2.050	65	52593	16.978	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.920%		
21) 2-Butanone-d5	3.863	46	38915m	24.375	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.760%		
24) Chloroform-d	4.243	84	261661	21.746	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.000%		
26) 1,2-Dichloroethane-d4	4.940	65	134877	21.379	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.520%		
32) Benzene-d6	4.957	84	378845	20.834	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.320%		
36) 1,2-Dichloropropane-d6	5.985	67	158145	27.617	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.480%		
41) Toluene-d8	7.243	98	263919	16.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.800%		
43) trans-1,3-Dichloroprop...	7.561	79	24269	10.336	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	41.360%		
47) 2-Hexanone-d5	8.046	63	10856m	13.993	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	27.980%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	100292	23.438	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	57812	20.094	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.360%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	42026	4.907	ug/L	97

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

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