

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035812.D
 Acq On : 25 May 2024 21:26
 Operator : SY/MD
 Sample : P2586-03
 Misc : 5.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D16

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:31:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	469370	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	397360	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	174282	24.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.080%		
7) Chloroethane-d5	1.526	69	143041	24.441	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.760%		
11) 1,1-Dichloroethene-d2	2.050	65	74372	23.156	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.640%		
21) 2-Butanone-d5	3.880	46	19145m	9.299	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	18.600%#		
24) Chloroform-d	4.243	84	296913	21.278	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.120%		
26) 1,2-Dichloroethane-d4	4.941	65	163451	23.694	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.760%		
32) Benzene-d6	4.957	84	565586	26.002	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.000%		
36) 1,2-Dichloropropane-d6	5.986	67	182749	27.225	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.880%		
41) Toluene-d8	7.243	98	404668	20.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.600%		
43) trans-1,3-Dichloroprop...	7.561	79	33859	11.794	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	47.160%		
47) 2-Hexanone-d5	8.040	63	12390	10.265	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	20.520%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	101762	15.732	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	62.920%		
66) 1,2-Dichlorobenzene-d4	11.561	152	68632	18.256	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.040%#		
Target Compounds						Qvalue
34) Trichloroethene	5.844	95	6863	0.923	ug/L	95
46) Tetrachloroethene	7.908	164	12054	1.995	ug/L	97

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

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