

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036655.D
 Acq On : 23 Jul 2024 18:35
 Operator : SY/MD
 Sample : P3276-13
 Misc : 8.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J2

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 01:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	479839	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	434524	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	164834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	56467	10.745	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.960%		
7) Chloroethane-d5	1.526	69	64827	13.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.640%		
11) 1,1-Dichloroethene-d2	2.047	65	27818	10.011	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.040%#		
21) 2-Butanone-d5	3.835	46	68064m	55.495	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.980%		
24) Chloroform-d	4.243	84	216942	17.095	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.360%		
26) 1,2-Dichloroethane-d4	4.937	65	126671	20.233	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.920%		
32) Benzene-d6	4.953	84	315145	15.303	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	61.200%		
36) 1,2-Dichloropropane-d6	5.986	67	113117	19.277	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.120%		
41) Toluene-d8	7.243	98	243660	12.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	49.600%		
43) trans-1,3-Dichloroprop...	7.555	79	47186	18.089	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.360%		
47) 2-Hexanone-d5	8.031	63	45477	58.235	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.480%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	129157	25.254	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.000%		
66) 1,2-Dichlorobenzene-d4	11.558	152	122268	21.249	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.000%		
Target Compounds					Qvalue	
13) Acetone	2.166	43	20296m	10.187	ug/L	
34) Trichloroethene	5.841	95	5990	0.742	ug/L	89

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

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