

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036645.D
 Acq On : 23 Jul 2024 14:44
 Operator : SY/MD
 Sample : P3328-07
 Misc : 7.86g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZW2

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:00:35 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	5.532	114	464290	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	447633	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	234868	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	1616	0.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	1.280%#		
7) Chloroethane-d5	1.529	69	1717	0.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	1.480%#		
11) 1,1-Dichloroethene-d2	2.047	65	1016	0.378	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	1.520%#		
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
24) Chloroform-d	4.265	84	4305m	0.351	ug/L	0.03
Spiked Amount 25.000	Range 40 - 150		Recovery =	1.400%#		
26) 1,2-Dichloroethane-d4	4.982	65	2368m	0.391	ug/L	0.05
Spiked Amount 25.000	Range 70 - 130		Recovery =	1.560%#		
32) Benzene-d6	4.969	84	6872m	0.324	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery =	1.280%#		
36) 1,2-Dichloropropane-d6	6.002	67	3349m	0.554	ug/L	0.02
Spiked Amount 25.000	Range 70 - 120		Recovery =	2.200%#		
41) Toluene-d8	7.262	98	5857	0.289	ug/L	0.03
Spiked Amount 25.000	Range 30 - 130		Recovery =	1.160%#		
43) trans-1,3-Dichloroprop...	7.593	79	1586m	0.590	ug/L	0.04
Spiked Amount 25.000	Range 30 - 135		Recovery =	2.360%#		
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	3662	0.695	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	2.800%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	7890	0.962	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	3.840%#		
Target Compounds						
13) Acetone	2.140	43	45853	23.785	ug/L #	42
34) Trichloroethene	5.838	95	20061	2.411	ug/L	99
35) Methylcyclohexane	6.050	83	5695	0.514	ug/L #	87
53) m,p-Xylene	9.079	106	14008	1.158	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	76033	3.391	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	338792	14.929	ug/L	99

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

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