

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036630.D
 Acq On : 22 Jul 2024 16:27
 Operator : SY/MD
 Sample : P3276-01
 Misc : 8.43g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZS4

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/23/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 02:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	520166	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	491156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	55048	9.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.640%		
7) Chloroethane-d5	1.526	69	63828	12.404	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.600%		
11) 1,1-Dichloroethene-d2	2.047	65	27649	9.179	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.720%#		
21) 2-Butanone-d5	3.831	46	58984m	44.363	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.720%		
24) Chloroform-d	4.240	84	212289	15.431	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	61.720%		
26) 1,2-Dichloroethane-d4	4.937	65	119178	17.560	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.240%		
32) Benzene-d6	4.953	84	309336	13.289	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	53.160%		
36) 1,2-Dichloropropane-d6	5.986	67	111573	16.822	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	67.280%#		
41) Toluene-d8	7.243	98	245256	11.040	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	44.160%		
43) trans-1,3-Dichloroprop...	7.555	79	47041	15.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.800%		
47) 2-Hexanone-d5	8.031	63	36647	41.517	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.040%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	116235	20.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.440%		
66) 1,2-Dichlorobenzene-d4	11.558	152	111305	18.115	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.480%#		
Target Compounds						
5) Vinyl chloride	1.275	62	9557	1.139	ug/L	95
16) Methylene chloride	2.439	84	36955	3.818	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	73546	8.690	ug/L	97

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

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