

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036658.D
 Acq On : 23 Jul 2024 19:44
 Operator : SY/MD
 Sample : P3276-16
 Misc : 6.44g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J5

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:03:58 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	263441	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	175518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	43062	14.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.680%		
7) Chloroethane-d5	1.526	69	47080	18.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.280%		
11) 1,1-Dichloroethene-d2	2.050	65	20594	13.499	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.000%		
21) 2-Butanone-d5	3.838	46	57515	85.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	170.820%#		
24) Chloroform-d	4.243	84	140489	20.164	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.640%		
26) 1,2-Dichloroethane-d4	4.941	65	84831	24.680	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.720%		
32) Benzene-d6	4.953	84	193054	23.208	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.840%		
36) 1,2-Dichloropropane-d6	5.986	67	71584	30.201	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.800%#		
41) Toluene-d8	7.243	98	125152	15.765	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.080%		
43) trans-1,3-Dichloroprop...	7.558	79	24509	23.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.040%		
47) 2-Hexanone-d5	8.031	63	34909	110.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	221.340%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	80764	39.095	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	156.360%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	30398	23.193	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.760%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	104255m	95.310	ug/L	
22) 2-Butanone	3.918	43	34793m	37.472	ug/L	
34) Trichloroethene	5.838	95	19394	5.946	ug/L	99
46) Tetrachloroethene	7.912	164	2043	0.631	ug/L	92

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

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