

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036576.D
 Acq On : 16 Jul 2024 18:45
 Operator : SY/MD
 Sample : P3238-18
 Misc : 5.81g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CG8

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 02:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284258	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	185451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	86956	21.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.400%		
7) Chloroethane-d5	1.526	69	85413	23.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.960%		
11) 1,1-Dichloroethene-d2	2.050	65	39619	18.945	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.760%		
21) 2-Butanone-d5	3.883	46	9226m	13.236	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	26.480%		
24) Chloroform-d	4.243	84	164423	19.872	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.480%		
26) 1,2-Dichloroethane-d4	4.940	65	96144	23.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.720%		
32) Benzene-d6	4.953	84	237016	25.618	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.480%		
36) 1,2-Dichloropropane-d6	5.985	67	96904	35.144	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	140.560%#		
41) Toluene-d8	7.243	98	133643	15.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	62.640%		
43) trans-1,3-Dichloroprop...	7.571	79	5379	4.692	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	18.760%#		
47) 2-Hexanone-d5	8.059	63	1856m	6.061	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	12.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	71850	30.940	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.760%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	49097	28.898	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	115.600%		
Target Compounds					Qvalue	
13) Acetone	2.153	43	18429m	18.701	ug/L	
16) Methylene chloride	2.439	84	50137	8.579	ug/L	96

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

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