

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036577.D
 Acq On : 16 Jul 2024 19:08
 Operator : SY/MD
 Sample : P3238-19
 Misc : 5.75g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CH4

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 02:31:03 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	324924	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	246100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	70128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	104655	22.482	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.920%		
7) Chloroethane-d5	1.526	69	95856	23.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.200%		
11) 1,1-Dichloroethene-d2	2.050	65	45002	18.826	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.320%		
21) 2-Butanone-d5	3.940	46	4511m	5.662	ug/L	0.11
Spiked Amount 50.000	Range 20 - 135		Recovery =	11.320%#		
24) Chloroform-d	4.243	84	197396	20.871	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.480%		
26) 1,2-Dichloroethane-d4	4.940	65	98858	21.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.280%		
32) Benzene-d6	4.953	84	287640	23.428	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.720%		
36) 1,2-Dichloropropane-d6	5.985	67	107612	29.410	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.640%		
41) Toluene-d8	7.243	98	219565	19.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.520%		
43) trans-1,3-Dichloroprop...	7.580	79	3060m	2.011	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery =	8.040%#		
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	75706	24.567	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.280%		
66) 1,2-Dichlorobenzene-d4	11.561	152	54816	23.033	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.120%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	8670m	7.697	ug/L	
16) Methylene chloride	2.439	84	44836	6.712	ug/L	100

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

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