

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036113.D
 Acq On : 18 Jun 2024 12:18
 Operator : SY/MD
 Sample : P2909-04RE
 Misc : 4.84g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B81RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2024
 Supervised By :Semsettin Yesilyurt 06/24/2024

Quant Time: Jun 19 03:28:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	321825	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	205973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	117853	19.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.680%		
7) Chloroethane-d5	1.526	69	103383	21.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.640%		
11) 1,1-Dichloroethene-d2	2.053	65	51953	19.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.880%		
21) 2-Butanone-d5	3.838	46	13465m	9.919	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	19.840%#		
24) Chloroform-d	4.246	84	182316	17.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.280%		
26) 1,2-Dichloroethane-d4	4.940	65	85953	16.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	64.080%#		
32) Benzene-d6	4.956	84	332164	27.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.520%		
36) 1,2-Dichloropropane-d6	5.985	67	105482	27.358	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.440%		
41) Toluene-d8	7.243	98	217904	20.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.680%		
43) trans-1,3-Dichloroprop...	7.561	79	23994	15.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.720%		
47) 2-Hexanone-d5	8.040	63	8523	16.316	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.640%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	44630	15.490	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	61.960%		
66) 1,2-Dichlorobenzene-d4	11.561	152	25147	16.983	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.920%#		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	24123	3.313	ug/L	94

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

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