

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035821.D
 Acq On : 26 May 2024 00:53
 Operator : SY/MD
 Sample : P2586-15
 Misc : 5.68g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C29

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:34:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	536290	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	410000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	94674	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	175183	21.134	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.520%		
7) Chloroethane-d5	1.526	69	148223	22.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.680%		
11) 1,1-Dichloroethene-d2	2.053	65	68679	18.715	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.880%		
21) 2-Butanone-d5	3.879	46	22149m	9.416	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	18.840%#		
24) Chloroform-d	4.243	84	314601	19.732	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.920%		
26) 1,2-Dichloroethane-d4	4.937	65	174551	22.146	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.600%		
32) Benzene-d6	4.956	84	521805	23.250	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.000%		
36) 1,2-Dichloropropane-d6	5.985	67	192824	27.840	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.360%		
41) Toluene-d8	7.242	98	367903	18.419	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.680%		
43) trans-1,3-Dichloroprop...	7.564	79	20697	6.987	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	27.960%#		
47) 2-Hexanone-d5	8.078	63	2282m	1.832	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	3.660%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	110407	16.543	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	66.160%		
66) 1,2-Dichlorobenzene-d4	11.561	152	60616	18.449	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.800%#		
Target Compounds					Qvalue	
13) Acetone	2.159	43	22410m	6.508	ug/L	

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

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