

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035842.D
 Acq On : 28 May 2024 13:40
 Operator : SY/MD
 Sample : P2586-09
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D20

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 29 02:26:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 02:22:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	633691	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	527612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147122	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	162613	16.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.400%		
7) Chloroethane-d5	1.529	69	134560	17.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.120%		
11) 1,1-Dichloroethene-d2	2.053	65	70768	16.321	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.280%		
21) 2-Butanone-d5	3.851	46	56082m	20.176	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.360%		
24) Chloroform-d	4.246	84	300516	15.952	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	63.800%		
26) 1,2-Dichloroethane-d4	4.941	65	155504	16.697	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.800%#		
32) Benzene-d6	4.957	84	564213	19.536	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.160%		
36) 1,2-Dichloropropane-d6	5.986	67	185436	20.805	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.240%		
41) Toluene-d8	7.243	98	431343	16.781	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.120%		
43) trans-1,3-Dichloroprop...	7.555	79	54047	14.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	56.720%		
47) 2-Hexanone-d5	8.037	63	27708	17.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	34.580%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	116370	13.549	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	54.200%		
66) 1,2-Dichlorobenzene-d4	11.561	152	95369	18.679	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.720%#		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	42674	2.920	ug/L	97

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

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