

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035697.D
 Acq On : 23 May 2024 12:38
 Operator : SY/MD
 Sample : P2568-07
 Misc : 6.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5Q8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:47:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	438968	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	390050	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132602	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78350	11.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.200%		
7) Chloroethane-d5	1.529	69	80990	14.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.200%		
11) 1,1-Dichloroethene-d2	2.053	65	36353	12.103	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.400%		
21) 2-Butanone-d5	3.857	46	41250m	21.423	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.840%		
24) Chloroform-d	4.246	84	222261	17.031	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.120%		
26) 1,2-Dichloroethane-d4	4.944	65	123588	19.156	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.640%		
32) Benzene-d6	4.957	84	343712	16.098	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	64.400%		
36) 1,2-Dichloropropane-d6	5.989	67	136756	20.755	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.000%		
41) Toluene-d8	7.243	98	238298	12.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	50.160%		
43) trans-1,3-Dichloroprop...	7.561	79	31446	11.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	44.640%		
47) 2-Hexanone-d5	8.043	63	15741	13.285	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	26.580%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123087	19.386	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152	73998	16.080	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	64.320%#		
Target Compounds						Qvalue
16) Methylene chloride	2.445	84	56704	5.602	ug/L	96

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

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