

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052324\
 Data File : VW035704.D
 Acq On : 23 May 2024 15:19
 Operator : SY/MD
 Sample : P2568-19
 Misc : 5.90g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH640

Manual Integrations
 APPROVED

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

Quant Time: May 24 01:49:00 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	408644	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134898	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	119618	18.939	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.760%		
7) Chloroethane-d5	1.529	69	116646	22.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.560%		
11) 1,1-Dichloroethene-d2	2.053	65	55801	19.956	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.840%		
21) 2-Butanone-d5	3.844	46	58877m	32.847	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.700%		
24) Chloroform-d	4.246	84	320791	26.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.640%		
26) 1,2-Dichloroethane-d4	4.940	65	183563	30.564	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	122.240%		
32) Benzene-d6	4.957	84	529352	25.548	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.200%		
36) 1,2-Dichloropropane-d6	5.989	67	201426	31.501	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	126.000%#		
41) Toluene-d8	7.243	98	397905	21.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.320%		
43) trans-1,3-Dichloroprop...	7.558	79	52345	19.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.560%		
47) 2-Hexanone-d5	8.037	63	25795m	22.435	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.860%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	189977	30.833	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.320%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	136770	29.214	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	116.840%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	65067	6.905	ug/L	94

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

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