

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035776.D
 Acq On : 25 May 2024 02:28
 Operator : SY/MD
 Sample : P2570-19
 Misc : 6.18g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5R3

Manual Integrations
 APPROVED

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

Quant Time: May 25 05:08:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	535163	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	502119	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	176755	21.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.480%		
7) Chloroethane-d5	1.526	69	149916	22.466	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.880%		
11) 1,1-Dichloroethene-d2	2.053	65	76518	20.895	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.600%		
21) 2-Butanone-d5	3.847	46	64808m	27.608	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.220%		
24) Chloroform-d	4.246	84	344705	21.666	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.680%		
26) 1,2-Dichloroethane-d4	4.937	65	190492	24.219	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.880%		
32) Benzene-d6	4.957	84	625934	22.773	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.985	67	216267	25.496	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.000%		
41) Toluene-d8	7.243	98	469250	19.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.720%		
43) trans-1,3-Dichloroprop...	7.555	79	68450	18.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.480%		
47) 2-Hexanone-d5	8.034	63	38044	24.943	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	49.880%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	161220	19.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.880%		
66) 1,2-Dichlorobenzene-d4	11.561	152	123448	22.883	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.520%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	9411	2.739	ug/L	80
16) Methylene chloride	2.442	84	61044	4.947	ug/L	98

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

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