

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035906.D
 Acq On : 30 May 2024 19:26
 Operator : SY/MD
 Sample : P2659-07
 Misc : 6.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC28

Quant Time: May 31 00:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
 Supervised By :Semsettin Yesilyurt 06/03/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	278444	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	119580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70014	13.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.720%		
7) Chloroethane-d5	1.529	69	61949	15.177	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.720%		
11) 1,1-Dichloroethene-d2	2.053	65	31479	13.813	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.240%		
21) 2-Butanone-d5	3.851	46	42234	35.958	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.920%		
24) Chloroform-d	4.249	84	139962	15.811	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	63.240%		
26) 1,2-Dichloroethane-d4	4.944	65	84338	18.171	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.680%		
32) Benzene-d6	4.960	84	242925	13.773	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	55.080%		
36) 1,2-Dichloropropane-d6	5.989	67	89531	16.120	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	64.480%#		
41) Toluene-d8	7.243	98	184191	11.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	47.360%		
43) trans-1,3-Dichloroprop...	7.558	79	31789	13.959	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	55.840%		
47) 2-Hexanone-d5	8.037	63	21721m	28.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.720%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	86012	20.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.880%		
66) 1,2-Dichlorobenzene-d4	11.561	152	70130	15.993	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	63.960%#		
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	26070	4.138	ug/L	97

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

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