

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035670.D
 Acq On : 22 May 2024 13:11
 Operator : SY/MD
 Sample : VIBLK286
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK286

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 23 02:23:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	547234	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	573264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	260364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	106506	12.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.360%		
7) Chloroethane-d5	1.529	69	100540	14.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.920%		
11) 1,1-Dichloroethene-d2	2.053	65	51628	13.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.160%		
21) 2-Butanone-d5	3.841	46	96096m	40.034	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.060%		
24) Chloroform-d	4.246	84	274067	16.846	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.400%		
26) 1,2-Dichloroethane-d4	4.944	65	150283	18.685	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.760%		
32) Benzene-d6	4.960	84	479174	15.270	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	61.080%		
36) 1,2-Dichloropropane-d6	5.989	67	170397	17.595	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	70.400%		
41) Toluene-d8	7.243	98	386733	13.847	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	55.400%		
43) trans-1,3-Dichloroprop...	7.555	79	61602	14.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	59.480%		
47) 2-Hexanone-d5	8.034	63	55997	32.157	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.320%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	163061	17.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.880%		
66) 1,2-Dichlorobenzene-d4	11.558	152	178000	19.699	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.800%		

Target Compounds Qvalue

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

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