

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036211.D
 Acq On : 21 Jun 2024 16:50
 Operator : SY/MD
 Sample : P2960-08
 Misc : 5.38g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 22 00:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	384925	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124563	17.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.400%		
7) Chloroethane-d5	1.526	69	99784	17.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.720%		
11) 1,1-Dichloroethene-d2	2.050	65	57576	18.276	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.120%		
21) 2-Butanone-d5	3.841	46	54507	33.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.140%		
24) Chloroform-d	4.243	84	208871	17.068	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.280%		
26) 1,2-Dichloroethane-d4	4.940	65	120385	18.763	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.040%		
32) Benzene-d6	4.953	84	404269	17.131	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.520%		
36) 1,2-Dichloropropane-d6	5.985	67	130671	17.584	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	70.320%		
41) Toluene-d8	7.243	98	335469	16.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.440%		
43) trans-1,3-Dichloroprop...	7.554	79	50259	16.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.960%		
47) 2-Hexanone-d5	8.030	63	40801	40.524	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.040%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	118163	21.279	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152	128235	19.813	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.240%		
Target Compounds						
5) Vinyl chloride	1.275	62	55233	6.587	ug/L	97
13) Acetone	2.162	43	16095m	6.364	ug/L	
16) Methylene chloride	2.442	84	24868	2.855	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	113122	17.193	ug/L	98
34) Trichloroethene	5.834	95	19949	2.507	ug/L	99
46) Tetrachloroethene	7.911	164	7751	1.332	ug/L	91

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

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