

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036713.D
 Acq On : 25 Jul 2024 17:32
 Operator : SY/MD
 Sample : P3328-20
 Misc : 9.64g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20N1

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:02:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	365364	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	359164	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	157947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	44128	11.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	44.120%		
7) Chloroethane-d5	1.526	69	53744	14.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.480%		
11) 1,1-Dichloroethene-d2	2.050	65	24303	11.486	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.960%		
21) 2-Butanone-d5	3.838	46	69351m	74.260	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	148.520%#		
24) Chloroform-d	4.243	84	172862	17.889	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	71.560%		
26) 1,2-Dichloroethane-d4	4.937	65	99741	20.923	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.680%		
32) Benzene-d6	4.953	84	244308	14.352	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	57.400%		
36) 1,2-Dichloropropane-d6	5.985	67	91556	18.877	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.520%		
41) Toluene-d8	7.243	98	199106	12.257	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	49.040%		
43) trans-1,3-Dichloroprop...	7.554	79	37728	17.498	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.000%		
47) 2-Hexanone-d5	8.030	63	45544	70.558	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	141.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	128810	30.470	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.880%#		
66) 1,2-Dichlorobenzene-d4	11.557	152	128404	23.288	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.160%		
Target Compounds						
16) Methylene chloride	2.439	84	66840	9.832	ug/L	98
34) Trichloroethene	5.831	95	42584	6.380	ug/L	96

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

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