

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072324\  
 Data File : VW036651.D  
 Acq On : 23 Jul 2024 17:03  
 Operator : SY/MD  
 Sample : P3276-09  
 Misc : 8.50g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**ClientSampleId :**  
 E20H8

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Romaben Patel 07/24/2024  
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 01:02:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 24 00:57:38 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	5.535	114	140549	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	143981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54713	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.272	65	21882	14.215	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	56.880%		
7) Chloroethane-d5	1.526	69	26286	18.906	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	75.640%		
11) 1,1-Dichloroethene-d2	2.050	65	10872	13.357	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	53.440%		
21) 2-Butanone-d5	3.841	46	13948	38.825	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	77.660%		
24) Chloroform-d	4.256	84	11055	2.974	ug/L	0.02
Spiked Amount	25.000	Range 40 - 150	Recovery =	11.880%#		
26) 1,2-Dichloroethane-d4	4.944	65	46888	25.568	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	102.280%		
32) Benzene-d6	4.960	84	113974	16.702	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	66.800%		
36) 1,2-Dichloropropane-d6	5.989	67	41916	21.558	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	86.240%		
41) Toluene-d8	7.246	98	84450	12.968	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	51.880%		
43) trans-1,3-Dichloroprop...	7.561	79	14466	16.736	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	66.960%		
47) 2-Hexanone-d5	8.040	63	6949m	26.855	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	53.700%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	300	0.177	ug/L	0.01
Spiked Amount	25.000	Range 45 - 120	Recovery =	0.720%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	47720	24.985	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	99.960%		
<b>Target Compounds</b>						
25) Chloroform	4.275	83	70848	17.084	ug/L	95
34) Trichloroethene	5.831	95	10966	4.098	ug/L	96
46) Tetrachloroethene	7.915	164	2089	0.787	ug/L	90

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

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