

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036647.D
 Acq On : 23 Jul 2024 15:30
 Operator : SY/MD
 Sample : P3328-09
 Misc : 9.39g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20D9

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/25/2024

Quant Time: Jul 24 01:01:08 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)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	162125	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	122007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	24765	13.947	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.800%		
7) Chloroethane-d5	1.529	69	28326	17.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.640%		
11) 1,1-Dichloroethene-d2	2.053	65	11944	12.721	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.880%		
21) 2-Butanone-d5	3.822	46	21993m	53.072	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.140%		
24) Chloroform-d	4.249	84	82958	19.347	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.400%		
26) 1,2-Dichloroethane-d4	4.947	65	43420	20.526	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.120%		
32) Benzene-d6	4.960	84	114662	19.829	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.320%		
36) 1,2-Dichloropropane-d6	5.989	67	40529	24.599	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.400%		
41) Toluene-d8	7.246	98	74606	13.520	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	54.080%		
43) trans-1,3-Dichloroprop...	7.564	79	13938	19.030	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.120%		
47) 2-Hexanone-d5	8.037	63	10493m	47.854	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.700%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38219	26.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.440%		
66) 1,2-Dichlorobenzene-d4	11.561	152	21674	21.283	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.120%		
Target Compounds						
17) trans-1,2-Dichloroethene	2.693	96	2964	1.173	ug/L	93
20) cis-1,2-Dichloroethene	3.812	96	129917	49.250	ug/L	99
34) Trichloroethene	5.828	95	884586	390.121	ug/L	98
46) Tetrachloroethene	7.912	164	2267	1.008	ug/L	88

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

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