

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036640.D
 Acq On : 23 Jul 2024 12:49
 Operator : SY/MD
 Sample : P3328-02
 Misc : 8.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZT2

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:59:22 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	5.539	114	71761	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	58409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	15641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14570	18.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.160%		
7) Chloroethane-d5	1.529	69	15820	22.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.160%		
11) 1,1-Dichloroethene-d2	2.053	65	6007	14.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.800%		
21) 2-Butanone-d5	3.879	46	7613m	41.505	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.000%		
24) Chloroform-d	4.252	84	46845	24.683	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.720%		
26) 1,2-Dichloroethane-d4	4.950	65	22350	23.870	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.480%		
32) Benzene-d6	4.963	84	58538	21.146	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.600%		
36) 1,2-Dichloropropane-d6	5.992	67	21551	27.322	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.280%		
41) Toluene-d8	7.249	98	37044	14.022	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery =	56.080%		
43) trans-1,3-Dichloroprop...	7.574	79	5971	17.029	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.120%		
47) 2-Hexanone-d5	8.056	63	2380m	22.673	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	45.340%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21087	30.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	122.680%#		
66) 1,2-Dichlorobenzene-d4	11.564	152	15672	28.703	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	114.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2195	1.896	ug/L	83

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

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