

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036704.D
 Acq On : 25 Jul 2024 13:54
 Operator : SY/MD
 Sample : P3276-09RE
 Misc : 8.42g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20H8RE

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 05:01:42 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	516794	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	511041	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	206231	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51789	9.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	36.600%		
7) Chloroethane-d5	1.526	69	64314	12.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.320%		
11) 1,1-Dichloroethene-d2	2.047	65	28089	9.385	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	37.560%#		
21) 2-Butanone-d5	3.844	46	45098m	34.140	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.280%		
24) Chloroform-d	4.246	84	58082	4.250	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	17.000%#		
26) 1,2-Dichloroethane-d4	4.937	65	120559	17.879	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	71.520%		
32) Benzene-d6	4.953	84	302417	12.486	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	49.960%		
36) 1,2-Dichloropropane-d6	5.982	67	113961	16.513	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	66.040%#		
41) Toluene-d8	7.243	98	241957	10.468	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	41.880%		
43) trans-1,3-Dichloroprop...	7.555	79	44638	14.550	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	58.200%		
47) 2-Hexanone-d5	8.034	63	25522	27.789	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.580%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	2628	0.437	ug/L	0.01
Spiked Amount 25.000	Range 45 - 120		Recovery =	1.760%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	143030	19.868	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.480%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	10373	4.834	ug/L #	44
14) Carbon disulfide	2.230	76	15918	0.719	ug/L	98
16) Methylene chloride	2.439	84	24289	2.526	ug/L	97
25) Chloroform	4.269	83	167843	11.007	ug/L	98
34) Trichloroethene	5.828	95	17584	1.851	ug/L	89

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

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