

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036637.D
 Acq On : 23 Jul 2024 11:34
 Operator : SY/MD
 Sample : VV0723SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK352

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:58:36 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	5.532	114	330696	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	343215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	157448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	77663	21.442	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.760%		
7) Chloroethane-d5	1.529	69	77714	23.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.040%		
11) 1,1-Dichloroethene-d2	2.050	65	42638	22.264	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.040%		
21) 2-Butanone-d5	3.854	46	30549m	36.141	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.280%		
24) Chloroform-d	4.246	84	205492	23.495	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	4.940	65	103150	23.906	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.640%		
32) Benzene-d6	4.957	84	359982	22.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.520%		
36) 1,2-Dichloropropane-d6	5.985	67	106290	22.933	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.720%		
41) Toluene-d8	7.239	98	318494	20.517	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.080%		
43) trans-1,3-Dichloroprop...	7.558	79	39915	19.372	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.480%		
47) 2-Hexanone-d5	8.037	63	17379	28.175	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.360%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	84601	20.943	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	137273	24.976	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.920%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	22479	3.653	ug/L	98

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

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