

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072724\
 Data File : VV036736.D
 Acq On : 26 Jul 2024 17:15
 Operator : SY/MD
 Sample : P3382-01
 Misc : 7.97g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20R1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/10/2024
 Supervised By :Semsettin Yesilyurt 08/10/2024

Quant Time: Jul 27 04:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	418318	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290487	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	59500	12.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.960%		
7) Chloroethane-d5	1.526	69	69476	16.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.160%		
11) 1,1-Dichloroethene-d2	2.050	65	24893	10.276	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.120%#		
21) 2-Butanone-d5	3.838	46	73580m	68.815	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.640%#		
24) Chloroform-d	4.246	84	216057	19.529	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.120%		
26) 1,2-Dichloroethane-d4	4.940	65	109285	20.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.080%		
32) Benzene-d6	4.956	84	295854	21.489	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.960%		
36) 1,2-Dichloropropane-d6	5.985	67	113270	28.875	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.480%		
41) Toluene-d8	7.243	98	178399	13.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	54.320%		
43) trans-1,3-Dichloroprop...	7.561	79	28730	16.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.880%		
47) 2-Hexanone-d5	8.034	63	34672	66.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.820%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	95536	27.942	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.760%		
66) 1,2-Dichlorobenzene-d4	11.561	152	52324	23.106	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.440%		
Target Compounds						
5) Vinyl chloride	1.278	62	337691	50.031	ug/L	100
12) 1,1-Dichloroethene	2.059	96	50029	7.752	ug/L #	77
13) Acetone	2.150	43	42424m	24.425	ug/L	
14) Carbon disulfide	2.230	76	19963	1.115	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	69863	10.719	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	1371489	201.500	ug/L	98
34) Trichloroethene	5.828	95	133156	24.665	ug/L	98

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

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