

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077776.D
 Acq On : 07 Dec 2023 15:18
 Operator : JC/SY
 Sample : 05646-13
 Misc : 3.84G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AS0

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/11/2023
 Supervised By : Mahesh Dadoda 12/11/2023

Quant Time: Dec 08 23:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	408555	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.604	117	141217	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	13.540	152	135458	25.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	217569	19.528	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.120%		
7) Chloroethane-d5	2.811	69	185335	20.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.480%		
11) 1,1-Dichloroethene-d2	3.922	65	52361	18.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.520%		
21) 2-Butanone-d5	6.999	46	54936	39.014	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.020%		
24) Chloroform-d	7.575	84	220759	20.048	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.200%		
26) 1,2-Dichloroethane-d4	8.257	65	195048	34.961	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery =	139.840%#		
32) Benzene-d6	8.240	84	640174	75.270	ug/L	0.04
Spiked Amount 25.000	Range 20 - 135		Recovery =	301.080%#		
36) 1,2-Dichloropropane-d6	9.216	67	142735	55.004	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	220.000%#		
41) Toluene-d8	10.281	98	364769	46.596	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	186.400%#		
43) trans-1,3-Dichloroprop...	10.534	79	53076	46.252	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	185.000%#		
47) 2-Hexanone-d5	10.904	63	48873	109.295	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	218.580%#		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	93511	49.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	199.480%#		
66) 1,2-Dichlorobenzene-d4	13.834	152	164846	34.017	ug/L	0.02
Spiked Amount 25.000	Range 75 - 120		Recovery =	136.080%#		
Target Compounds						
13) Acetone	4.040	43	10554m	5.850	ug/L	
29) Cyclohexane	7.887	56	6682	1.793	ug/L	# 70
33) Benzene	8.240	78	48520031m	5278.751	ug/L	
35) Methylcyclohexane	9.281	83	12841	3.170	ug/L	88
42) Toluene	10.340	91	116587	11.942	ug/L	94
51) Chlorobenzene	11.598	112	69298577m	11447.371	ug/L	
52) Ethylbenzene	11.722	91	33530	3.098	ug/L	89
53) m,p-Xylene	11.810	106	13696	3.349	ug/L	92
54) o-Xylene	12.128	106	4145	1.059	ug/L	75
63) 1,2,4-Trimethylbenzene	13.228	105	9456	0.614	ug/L	99
64) 1,3-Dichlorobenzene	13.469	146	18751768m	2144.566	ug/L	
65) 1,4-Dichlorobenzene	13.534	146	41527716m	4576.982	ug/L	
67) 1,2-Dichlorobenzene	13.834	146	21468829m	2728.607	ug/L	
69) 1,3,5-Trichlorobenzene	14.598	180	435067	73.071	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	27210323m	5383.326	ug/L	
72) 1,2,3-Trichlorobenzene	15.528	180	16730881m	3775.805	ug/L	

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