

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023890.D  
 Acq On : 19 Jul 2022 17:33  
 Operator : SY/VA  
 Sample : N3738-03  
 Misc : 6.07g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 C0ZC5

Quant Time: Jul 20 01:21:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 01:17:09 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.842	114	226836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	188851	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56759	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.343	65	73238	12.641	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	50.560%		
7) Chloroethane-d5	2.873	69	54598	14.126	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	56.520%		
11) 1,1-Dichloroethene-d2	4.007	63	61258	12.985	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	51.920%		
21) 2-Butanone-d5	7.080	46	69197	77.002	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	154.000%#		
24) Chloroform-d	7.647	84	146450	22.175	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	88.720%		
26) 1,2-Dichloroethane-d4	8.305	65	85735	21.226	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	84.920%		
32) Benzene-d6	8.275	84	233190	23.754	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	95.000%		
36) 1,2-Dichloropropane-d6	9.274	67	83801	28.339	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	113.360%		
41) Toluene-d8	10.323	98	195919	19.675	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	78.720%		
43) trans-1,3-Dichloroprop...	10.579	79	27102	19.553	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	78.200%		
47) 2-Hexanone-d5	10.927	63	54379	87.452	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	174.900%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108667	33.252	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	133.000%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	55543	27.413	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	109.640%		
<b>Target Compounds</b>						
13) Acetone	4.141	43	3599	5.665	ug/L	79
16) Methylene chloride	4.922	84	36066	10.168	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	13813	4.274	ug/L #	82
34) Trichloroethene	9.092	95	237801	83.912	ug/L	92
46) Tetrachloroethene	10.860	164	46942	21.422	ug/L	90

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

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