

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024413.D  
 Acq On : 27 Aug 2022 20:14  
 Operator : SY/VA  
 Sample : N4363-04  
 Misc : 5.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 DBVV9

Quant Time: Aug 29 01:51:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 29 01:46:03 2022  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.842	114	305362	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	137901	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.337	65	131286	15.597	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	62.400%		
7) Chloroethane-d5	2.873	69	87683	13.903	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	55.600%		
11) 1,1-Dichloroethene-d2	4.001	63	89313	12.234	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	48.920%		
21) 2-Butanone-d5	7.074	46	45960m	29.644	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	59.280%		
24) Chloroform-d	7.641	84	152993	15.584	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	62.320%		
26) 1,2-Dichloroethane-d4	8.305	65	98996	16.628	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	66.520%#		
32) Benzene-d6	8.268	84	303235	16.433	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	65.720%		
36) 1,2-Dichloropropane-d6	9.274	67	91589	15.960	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	63.840%#		
41) Toluene-d8	10.323	98	298428	17.010	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	68.040%		
43) trans-1,3-Dichloroprop...	10.573	79	35615	13.262	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	53.040%		
47) 2-Hexanone-d5	10.927	63	37704	29.359	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	58.720%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	88677	13.648	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	54.600%		
66) 1,2-Dichlorobenzene-d4	13.853	152	88130	16.971	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	67.880%#		
<b>Target Compounds</b>						
46) Tetrachloroethene	10.860	164	666100	162.285	ug/L	Qvalue 87

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

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