

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081622\  
 Data File : VW024252.D  
 Acq On : 16 Aug 2022 14:35  
 Operator : SY/VA  
 Sample : N4210-05RE  
 Misc : 4.34g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 BGC48RE

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Mahesh Dadoda 08/17/2022  
 Supervised By :Semsettin Yesilyurt 08/17/2022

Quant Time: Aug 17 01:02:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 17 01:00:38 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	8.835	114	318817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	249032	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72968	25.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	2.343	65	144358	21.662	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	86.640%		
7) Chloroethane-d5	2.873	69	90393	21.775	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	87.080%		
11) 1,1-Dichloroethene-d2	4.001	63	126445	16.649	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery =	66.600%		
21) 2-Butanone-d5	7.080	46	46462	37.475	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	74.940%		
24) Chloroform-d	7.641	84	218586	22.659	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	90.640%		
26) 1,2-Dichloroethane-d4	8.299	65	118316m	22.091	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	88.360%		
32) Benzene-d6	8.269	84	395907	26.956	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	107.840%		
36) 1,2-Dichloropropane-d6	9.268	67	121355	27.985	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	111.960%		
41) Toluene-d8	10.317	98	327380	23.848	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	95.400%		
43) trans-1,3-Dichloroprop...	10.573	79	42879	22.576	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	90.320%		
47) 2-Hexanone-d5	10.920	63	34991	43.686	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	87.380%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93508	22.226	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	88.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	64962	24.329	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	97.320%		
<b>Target Compounds</b>						
13) Acetone	4.129	43	3747m	4.105	ug/L	Qvalue

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

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