

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101321\  
 Data File : VV022766.D  
 Acq On : 13 Oct 2021 17:02  
 Operator : SY/MD  
 Sample : M4109-17DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**Client Sampled :**  
 YATK1DL

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/14/2021 2:06:47 PM

Quant Time: Oct 14 02:15:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 14 02:12:50 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	5.619	114	114602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54032	5.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.304	65	33259	4.218	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.568	69	34612	4.885	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.105	63	52851	3.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.400%	
20) 2-Butanone-d5	3.921	46	77108	37.297	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.600%	
24) Chloroform-d	4.352	84	77863	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.037	65	35611	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.053	84	143854	4.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.072	67	46748	4.499	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	119388	3.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	7.628	79	13964	4.051	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.095	63	71279	51.315	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.620%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	33378	4.742	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48668	4.858	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
<b>Target Compounds</b>						
12) 1,1-Dichloroethene	2.114	96	1685	0.243	ug/L #	1
13) Acetone	2.201	43	7304m	6.336	ug/L	
16) Methylene chloride	2.510	84	3582	0.376	ug/L	88
34) Trichloroethene	5.918	95	48541	5.623	ug/L	95
47) Tetrachloroethene	7.979	164	6615	0.948	ug/L	93

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

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