

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029817.D
 Acq On : 13 Jan 2023 18:41
 Operator : SY/MD
 Sample : 01138-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 13 22:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65934	4.283	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.565	69	61117	4.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.800%	
11) 1,1-Dichloroethene-d2	2.111	63	247809	8.831	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	176.600%#	
20) 2-Butanone-d5	3.886	46	134733	49.384	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.760%	
24) Chloroform-d	4.339	84	133999	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.024	65	59521	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.043	84	275256	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.063	67	85418	4.929	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.307	98	239513	4.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.616	79	24803	3.919	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.085	63	123437	47.904	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.800%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62967	4.958	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.612	152	94115	4.979	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2511	0.126	ug/L	98
12) 1,1-Dichloroethene	2.114	96	327121	18.877	ug/L #	81
14) Carbon disulfide	2.291	76	3654	0.073	ug/L #	93
16) Methylene chloride	2.503	84	5543	0.257	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5516	0.184	ug/L	94
19) 1,1-Dichloroethane	3.182	63	272827	10.124	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	6117m	0.356	ug/L	
34) Trichloroethene	5.908	95	33435	1.999	ug/L	99
47) Tetrachloroethene	7.966	164	1619	0.115	ug/L	90

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

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