

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023460.D
 Acq On : 12 Nov 2021 22:49
 Operator : SY/MD
 Sample : M4616-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 13 01:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117661	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	115687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49826	6.760	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	135.200%#	
7) Chloroethane-d5	1.568	69	35936	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	119.600%	
11) 1,1-Dichloroethene-d2	2.108	63	64914	4.704	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	3.892	46	81804	64.418	ug/L	-0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.840%	
24) Chloroform-d	4.349	84	80698	5.137	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.034	65	40965	5.799	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.000%	
32) Benzene-d6	5.053	84	161885	5.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.000%	
36) 1,2-Dichloropropane-d6	6.069	67	48863	5.592	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.800%	
41) Toluene-d8	7.316	98	139469	5.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16686	5.036	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.091	63	52267	42.876	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30408	4.839	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50241	5.773	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.400%	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	1206490	82.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12438	1.688	ug/L	98
12) 1,1-Dichloroethene	2.117	96	3660	0.522	ug/L #	1
13) Acetone	2.185	43	1993m	2.568	ug/L	
19) 1,1-Dichloroethane	3.191	63	30774	2.113	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	6847	0.825	ug/L #	86
29) 1,1,1-Trichloroethane	4.616	97	2137	0.152	ug/L #	58
34) Trichloroethene	5.915	95	49645	5.774	ug/L	97
47) Tetrachloroethene	7.976	164	917	0.123	ug/L	84

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

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