

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024010.D
 Acq On : 16 Dec 2021 14:04
 Operator : SY/MD
 Sample : M5090-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C9

Quant Time: Dec 17 02:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17401	3.375	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.600%	
7) Chloroethane-d5	1.567	69	16026	3.726	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.600%	
11) 1,1-Dichloroethene-d2	2.108	63	22634	2.249	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.000%#	
20) 2-Butanone-d5	3.889	46	82979	82.388	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	164.780%#	
24) Chloroform-d	4.352	84	49250	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.037	65	25072	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.053	84	76050	3.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
36) 1,2-Dichloropropane-d6	6.069	67	26331	4.362	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.316	98	56276	3.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	8478	3.385	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.800%	
46) 2-Hexanone-d5	8.088	63	52342	46.688	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23185	4.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30445	4.428	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	283060	36.595	ug/L	99
12) 1,1-Dichloroethene	2.117	96	2832	0.440	ug/L #	1
13) Acetone	2.178	43	3050	3.785	ug/L	75
14) Carbon disulfide	2.294	76	1792	0.096	ug/L #	82
18) trans-1,2-Dichloroethene	2.757	96	1732766	243.294	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	2731311	362.295	ug/L	97
33) Benzene	5.111	78	5255	0.184	ug/L	100
42) Toluene	7.400	91	2150	0.067	ug/L	88
67) 1,2-Dichlorobenzene	11.641	146	986	0.070	ug/L #	91

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

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