

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024012.D
 Acq On : 16 Dec 2021 14:52
 Operator : SY/MD
 Sample : M5090-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C7

Quant Time: Dec 17 02:01:09 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	99907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36461	6.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.800%#
7) Chloroethane-d5	1.568	69	16207	3.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.114	63	44309	4.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.912	46	97096	92.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	185.060%#
24) Chloroform-d	4.349	84	50489	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.034	65	26751	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	77518	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.069	67	26826	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.317	98	59051	3.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	7.625	79	9587	3.718	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	58748	50.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24502	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	30919	4.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	2718607	337.356	ug/L	98
12) 1,1-Dichloroethene	2.118	96	44470	6.634	ug/L #	85
14) Carbon disulfide	2.298	76	1424	0.073	ug/L #	71
18) trans-1,2-Dichloroethene	2.757	96	1492184	201.101	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	23246951	2959.767	ug/L	83
33) Benzene	5.105	78	15320	0.521	ug/L	100
42) Toluene	7.400	91	3286	0.099	ug/L	98
51) Chlorobenzene	8.883	112	27764	1.254	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	5915	0.361	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	5010	0.305	ug/L	95
67) 1,2-Dichlorobenzene	11.645	146	60841	4.058	ug/L	99

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

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