

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028558.D
 Acq On : 14 Oct 2022 19:13
 Operator : SY/MD
 Sample : N5109-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ08

Quant Time: Oct 15 02:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	242722	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	222739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	103240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118314	5.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.200%
7) Chloroethane-d5	1.564	69	92120	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.105	63	158798	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.905	46	109859	24.464	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.920%
24) Chloroform-d	4.346	84	140622	4.396	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.031	65	70572	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.047	84	305044	4.241	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	97339	4.194	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.310	98	259973	4.562	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.622	79	25642	3.270	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.088	63	122506	36.200	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.400%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56262	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	77516	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.307	62	40606	1.817	ug/L	98
12) 1,1-Dichloroethene	2.114	96	7426	0.492	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	4999	0.318	ug/L	89
19) 1,1-Dichloroethane	3.185	63	125452	3.542	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	117400	6.598	ug/L #	95
25) Chloroform	4.371	83	69949	2.084	ug/L	97
27) 1,2-Dichloroethane	5.140	62	9605	0.481	ug/L #	90
29) 1,1,1-Trichloroethane	4.606	97	29617	0.962	ug/L	98
30) Cyclohexane	4.667	56	7615	0.214	ug/L	93
33) Benzene	5.098	78	22560	0.287	ug/L	100
34) Trichloroethene	5.915	95	5655	0.301	ug/L	93
45) 1,1,2-Trichloroethane	7.844	97	4590	0.412	ug/L	94
51) Chlorobenzene	8.879	112	40213	0.878	ug/L	98
54) o-Xylene	9.542	106	4016	0.135	ug/L	95
64) 1,3-Dichlorobenzene	11.178	146	6929	0.218	ug/L	95
70) 1,2,4-trichlorobenzene	13.259	180	6860	0.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	3873	0.265	ug/L	96

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

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