

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VW028588.D
 Acq On : 17 Oct 2022 14:57
 Operator : SY/MD
 Sample : N5109-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ05DL

Quant Time: Oct 18 01:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	197910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	190100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	95832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78910	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.565	69	73056	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.105	63	113708	3.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.899	46	126118	34.443	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.880%
24) Chloroform-d	4.343	84	134171	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.031	65	71879	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.047	84	272259	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.066	67	91783	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.310	98	228355	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.622	79	28069	4.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.088	63	158449	54.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.720%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	63610	5.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	82822	5.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	79689	4.373	ug/L	98
12) 1,1-Dichloroethene	2.114	96	3999	0.325	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	82448	2.855	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	58836	4.055	ug/L #	96
29) 1,1,1-Trichloroethane	4.603	97	125934	4.793	ug/L	97
30) Cyclohexane	4.671	56	144740	4.771	ug/L	96
42) Toluene	7.381	91	730226	11.586	ug/L	99
51) Chlorobenzene	8.876	112	165188	4.228	ug/L	99
52) Ethylbenzene	9.008	91	152163	2.173	ug/L	97
53) m,p-Xylene	9.133	106	100239	3.828	ug/L	97
54) o-Xylene	9.539	106	52716	2.077	ug/L	97
60) Isopropylbenzene	9.924	105	48984	0.700	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	137123	6.516	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	573738	9.971	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	22755	0.771	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	47862	1.655	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	15007	0.567	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	4592	0.279	ug/L	89
72) 1,2,3-Trichlorobenzene	13.734	180	1234	0.091	ug/L #	91

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

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