

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032221.D
 Acq On : 04 Oct 2023 11:27
 Operator : SY/MD
 Sample : 04708-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJU2

Quant Time: Oct 05 01:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110211	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	105822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42834	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.532	69	33815	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.060	65	16373	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.805	46	98439	43.414	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.820%
24) Chloroform-d	4.256	84	69144	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.947	65	34731	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.963	84	142239	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.992	67	46496	4.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.246	98	122619	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.558	79	15509	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.030	63	75690	44.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31848	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	47303	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	364504	30.868	ug/L	99
12) 1,1-Dichloroethene	2.069	96	129657	16.041	ug/L #	75
16) Methylene chloride	2.449	84	77379	7.343	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	65165	7.039	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	138634	13.907	ug/L	97
27) 1,2-Dichloroethane	5.043	62	136397	13.511	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	80028	5.562	ug/L	98
31) Carbon tetrachloride	4.741	117	42254	3.471	ug/L	98
33) Benzene	5.014	78	127670	3.427	ug/L	100
34) Trichloroethene	5.834	95	80793	7.944	ug/L	98
37) 1,2-Dichloropropane	6.095	63	67980	6.823	ug/L	99
42) Toluene	7.320	91	170726	4.299	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	34064	4.846	ug/L	100
47) Tetrachloroethene	7.908	164	111185	14.415	ug/L	100
51) Chlorobenzene	8.818	112	246293	9.632	ug/L	100
52) Ethylbenzene	8.950	91	382362	8.645	ug/L	99
53) m,p-Xylene	9.079	106	268465	16.367	ug/L	97
54) o-Xylene	9.480	106	65724	4.158	ug/L	97
55) Styrene	9.500	104	409755	15.351	ug/L	98

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65) 1,4-Dichlorobenzene	11.210	146	313650	15.935	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	91071	5.090	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	100182	7.861	ug/L	99

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

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