

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033316.D
 Acq On : 14 Dec 2023 07:31
 Operator : SY/MD
 Sample : 05770-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y88

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 14 08:14:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.561	114	118233	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.802	117	117620	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	61776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36631	4.833	ug/L	0.03
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.564	69	29280	5.194	ug/L	0.03
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.082	65	16435	5.448	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.000%	
20) 2-Butanone-d5	3.960	46	37569m	41.885	ug/L	0.16
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.780%	
24) Chloroform-d	4.298	84	80476	5.091	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	4.976	65	44044	6.411	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	128.200%	
32) Benzene-d6	4.979	84	162518	5.341	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
36) 1,2-Dichloropropane-d6	6.053	67	36152	5.220	ug/L	0.06
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.278	98	142777	4.816	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	7.584	79	14109	4.466	ug/L	0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.063	63	43835	49.698	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.400%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	23158	4.944	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	58706	5.395	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
5) Vinyl chloride	1.314	62	10409	1.220	ug/L	96
14) Carbon disulfide	2.265	76	6886	0.312	ug/L #	93
22) cis-1,2-Dichloroethene	3.863	96	20943	2.473	ug/L	95
30) Cyclohexane	4.600	56	2738	0.263	ug/L #	14
33) Benzene	5.031	78	9214	0.292	ug/L	100
34) Trichloroethene	5.870	95	7567	0.823	ug/L	90
39) cis-1,3-Dichloropropene	6.953	75	1153	0.112	ug/L #	1
42) Toluene	7.352	91	48306	1.338	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	809	0.094	ug/L	97
51) Chlorobenzene	8.834	112	7903	0.320	ug/L	98
52) Ethylbenzene	8.963	91	8182	0.202	ug/L	98
53) m,p-Xylene	9.085	106	5631	0.338	ug/L	83
54) o-Xylene	9.490	106	2127	0.135	ug/L	96
60) Isopropylbenzene	9.879	105	10172m	0.249	ug/L	
63) 1,2,4-Trimethylbenzene	10.857	105	8710	0.263	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	5804	0.280	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	11442	0.639	ug/L	97

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

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