

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033315.D
 Acq On : 14 Dec 2023 07:07
 Operator : SY/MD
 Sample : 05770-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y87

Quant Time: Dec 14 07:52:19 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.552	114	129310	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.809	117	122399	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	62072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38180	4.606	ug/L	0.03
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.571	69	29204	4.737	ug/L	0.04
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.095	65	16670	5.053	ug/L	0.04
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	3.950	46	30255m	30.841	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	61.680%	
24) Chloroform-d	4.291	84	77106	4.460	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	4.970	65	43188	5.748	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	4.973	84	160744	5.077	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.034	67	35808	4.968	ug/L	0.05
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.291	98	145487	4.715	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.596	79	14854	4.518	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.069	63	36145	39.380	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.760%	
56) 1,1,2,2-Tetrachloroeth...	10.166	84	20495	4.205	ug/L	0.01
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	56145	5.135	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
5) Vinyl chloride	1.314	62	5270	0.565	ug/L	86
14) Carbon disulfide	2.275	76	11806	0.490	ug/L #	92
22) cis-1,2-Dichloroethene	3.857	96	15266	1.648	ug/L	90
34) Trichloroethene	5.863	95	5738	0.600	ug/L	97
42) Toluene	7.365	91	29971	0.798	ug/L	96
51) Chlorobenzene	8.838	112	5858	0.228	ug/L	95
52) Ethylbenzene	8.969	91	1922	0.046	ug/L	97
53) m,p-Xylene	9.098	106	1540	0.089	ug/L	92
60) Isopropylbenzene	9.879	105	9059	0.220	ug/L	98
63) 1,2,4-Trimethylbenzene	10.863	105	2628	0.079	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	5741	0.276	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	9762	0.543	ug/L	91

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

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