

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033280.D
 Acq On : 13 Dec 2023 16:47
 Operator : SY/MD
 Sample : 05731-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y52

Quant Time: Dec 13 23:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 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	5.629	114	143074	5.000	ug/L	0.10
28) Chlorobenzene-d5	8.821	117	137248	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.194	152	70718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.349	65	38892	4.240	ug/L	0.07
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.645	69	37125	5.442	ug/L	0.11
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.179	65	17805	4.877	ug/L	0.12
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.600%	
20) 2-Butanone-d5	4.050	46	48018m	44.240	ug/L	0.22
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.480%	
24) Chloroform-d	4.378	84	78684	4.113	ug/L	0.13
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.040	65	43805	5.270	ug/L	0.10
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.043	84	170248	4.795	ug/L	0.08
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.111	67	36847	4.559	ug/L	0.12
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.317	98	153486	4.436	ug/L	0.07
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.619	79	15370	4.169	ug/L	0.06
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.082	63	37780	36.708	ug/L	0.05
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.420%	
56) 1,1,2,2-Tetrachloroeth...	10.169	84	20673	3.782	ug/L	0.02
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	57651	4.628	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
5) Vinyl chloride	1.355	62	2819	0.273	ug/L #	73
22) cis-1,2-Dichloroethene	3.957	96	106909	10.434	ug/L	95
40) 4-Methyl-2-pentanone	7.249	43	20650	7.889	ug/L	96
42) Toluene	7.394	91	15501	0.368	ug/L	98
51) Chlorobenzene	8.850	112	83326	2.888	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	10915	0.460	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	3057	0.149	ug/L #	90

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

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