

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033306.D
 Acq On : 14 Dec 2023 03:31
 Operator : SY/MD
 Sample : 05770-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY78

Quant Time: Dec 14 04:37:11 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

Spiked By :Mahesh
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 12/16/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	127972	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	122623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66054	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	39220	4.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.526	69	29835	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.050	65	15826	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.899	46	53867m	55.485	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.243	84	88927	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	4.944	65	39970	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	4.953	84	164451	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.989	67	39175	5.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.239	98	158717	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.555	79	16996	5.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.037	63	49533	53.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27846	5.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	65615	5.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%

Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	78251	8.471	ug/L	100
12) 1,1-Dichloroethene	2.060	96	1601	0.219	ug/L #	1
13) Acetone	2.236	43	12599m	18.336	ug/L	
14) Carbon disulfide	2.233	76	5489	0.230	ug/L	98
16) Methylene chloride	2.439	84	2539	0.301	ug/L	96
18) trans-1,2-Dichloroethene	2.683	96	3912	0.441	ug/L	95
21) 2-Butanone	3.989	43	12190m	12.178	ug/L	
22) cis-1,2-Dichloroethene	3.802	96	3068474	334.809	ug/L	92
25) Chloroform	4.269	83	35465	2.161	ug/L	98
30) Cyclohexane	4.561	56	3349m	0.309	ug/L	
33) Benzene	5.002	78	78974	2.404	ug/L	100
34) Trichloroethene	5.825	95	318037	33.199	ug/L	98
35) Methylcyclohexane	6.040	83	4319	0.304	ug/L	91
38) Bromodichloromethane	6.436	83	1421	0.134	ug/L #	91
40) 4-Methyl-2-pentanone	7.175	43	36827	15.748	ug/L	98
42) Toluene	7.310	91	554657	14.738	ug/L	99
47) Tetrachloroethene	7.905	164	1125	0.124	ug/L	82
51) Chlorobenzene	8.818	112	6395	0.248	ug/L	98
52) Ethylbenzene	8.947	91	111474	2.644	ug/L	95

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53) m,p-Xylene	9.072	106	17062	0.983	ug/L	87
54) o-Xylene	9.477	106	8238	0.501	ug/L	99
55) Styrene	9.497	104	49713	1.844	ug/L	90
60) Isopropylbenzene	9.866	105	19725	0.451	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	7503	0.210	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	49394	1.395	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	5446	0.246	ug/L	88
67) 1,2-Dichlorobenzene	11.583	146	3817	0.199	ug/L	98

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

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