

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032453.D
 Acq On : 17 Oct 2023 18:18
 Operator : SY/MD
 Sample : 04903-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:06:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	141336	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	153814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	78305	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32505	2.828	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	56.600%		
7) Chloroethane-d5	1.532	69	30611m	3.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	65.600%		
11) 1,1-Dichloroethene-d2	2.060	65	15078	3.110	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	62.200%		
20) 2-Butanone-d5	3.805	46	121802	41.888	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	83.780%		
24) Chloroform-d	4.252	84	76651	3.780	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.600%		
26) 1,2-Dichloroethane-d4	4.947	65	38392	3.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
32) Benzene-d6	4.963	84	135368	2.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	59.800%#		
36) 1,2-Dichloropropane-d6	5.992	67	44952	2.998	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	60.000%		
41) Toluene-d8	7.246	98	127913	3.091	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	61.800%#		
43) trans-1,3-Dichloroprop...	7.561	79	18439	3.470	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	69.400%		
46) 2-Hexanone-d5	8.027	63	112507	45.000	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.000%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42776	4.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	81.600%		
66) 1,2-Dichlorobenzene-d4	11.564	152	55186	3.798	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	76.000%#		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	14048	0.498	ug/L #	42
30) Cyclohexane	4.590	56	6513	0.283	ug/L	99
35) Methylcyclohexane	6.050	83	4160	0.182	ug/L	91
42) Toluene	7.320	91	208255	3.607	ug/L	98
52) Ethylbenzene	8.950	91	125920	1.959	ug/L	100
53) m,p-Xylene	9.075	106	157818	6.619	ug/L	99
54) o-Xylene	9.480	106	58288	2.537	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	36582	0.738	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	159101	3.222	ug/L	99

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

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