

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039004.D
 Acq On : 21 Aug 2025 23:59
 Operator : SY/MD
 Sample : Q2924-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 04:42:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.606	168	456156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	816696	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.779	117	704493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	442841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	369010	57.652	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	115.300%
35) Dibromofluoromethane	4.506	113	272796	44.540	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	89.080%
50) Toluene-d8	7.255	98	958827	44.894	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.780%
62) 4-Bromofluorobenzene	10.005	95	435202	55.701	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	111.400%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	2.712	73	14093	0.921	ug/l	# 79
21) trans-1,2-Dichloroethene	2.703	96	1148589	213.010	ug/l	96
27) cis-1,2-Dichloroethene	3.818	96	948797	145.786	ug/l	92
40) Benzene	4.989	78	42836114m	1719.434	ug/l	
44) Trichloroethene	5.837	130	182094	26.946	ug/l	93
52) Toluene	7.300	92	53983621m	3421.475	ug/l	
67) Ethyl Benzene	8.934	91	16891172m	651.398	ug/l	
68) m/p-Xylenes	9.062	106	24375390m	2420.399	ug/l	
69) o-Xylene	9.477	106	23348534m	2543.667	ug/l	
70) Styrene	9.487	104	30354044m	1927.481	ug/l	
73) Isopropylbenzene	9.863	105	248185	8.352	ug/l	99
78) n-propylbenzene	10.281	91	1077764	30.377	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	4676312	186.995	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	15846996	662.178	ug/l	88

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

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