

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047164.D
 Acq On : 28 Jul 2025 14:46
 Operator : JC/MD
 Sample : Q2691-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 299

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 29 02:17:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	304595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	520406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	229300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186301	49.100	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.200%		
35) Dibromofluoromethane	5.397	113	158080	49.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.400%		
50) Toluene-d8	8.653	98	480309	46.158	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.320%		
62) 4-Bromofluorobenzene	11.079	95	222883	49.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.400%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	24942	47.918	ug/l	96
16) Acetone	2.392	43	137872	90.705	ug/l	96
18) Methyl Acetate	2.715	43	41118	10.179	ug/l #	91
20) Methylene Chloride	2.806	84	15216	3.639	ug/l #	88
25) 2-Butanone	4.580	43	37405	16.900	ug/l	97
37) Ethyl Acetate	4.733	43	17483m	3.464	ug/l	
43) Isopropyl Acetate	6.354	43	18318	2.328	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	524721	112.201	ug/l	91
52) Toluene	8.720	92	22812	2.341	ug/l	99
59) 2-Hexanone	9.433	43	44176	14.298	ug/l	95
67) Ethyl Benzene	10.195	91	28194	1.500	ug/l	92
68) m/p-Xylenes	10.299	106	45008	6.398	ug/l	98
69) o-Xylene	10.640	106	31287	4.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	18878	1.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	108941	7.308	ug/l	95

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

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