

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048634.D
 Acq On : 20 Nov 2025 13:48
 Operator : JC/MD
 Sample : Q3689-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251119071-01 VOA

Quant Time: Nov 21 00:32:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	145970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	324019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119166	58.588	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 117.180%#		
35) Dibromofluoromethane	5.373	113	97166	42.847	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 85.700%		
50) Toluene-d8	8.635	98	349735	49.449	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	11.061	95	158629	60.184	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 120.360%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.380	62	849	0.478	ug/l	94
8) Diethyl Ether	2.136	74	6716	5.954	ug/l	91
11) Tert butyl alcohol	2.934	59	3537047	9177.250	ug/l	98
16) Acetone	2.367	43	927719	963.573	ug/l	99
18) Methyl Acetate	2.703	43	6764m	2.556	ug/l	
29) Tetrahydrofuran	4.983	42	801784	789.292	ug/l	97
40) Benzene	6.019	78	34386	3.653	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	48181	14.087	ug/l	94
52) Toluene	8.702	92	105006	21.189	ug/l	99
59) 2-Hexanone	9.421	43	8601	3.381	ug/l	77
65) Chlorobenzene	10.061	112	12374	1.609	ug/l	92
67) Ethyl Benzene	10.177	91	107359	8.313	ug/l	98
68) m/p-Xylenes	10.287	106	41276	8.486	ug/l	98
69) o-Xylene	10.622	106	22322	4.691	ug/l	92
73) Isopropylbenzene	10.945	105	14863	1.140	ug/l	98
78) n-propylbenzene	11.287	91	6279	0.410	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	8034	0.756	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	32141	2.997	ug/l	98
86) p-Isopropyltoluene	11.994	119	76643	6.710	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	17744	2.723	ug/l	89
91) 1,2-Dichlorobenzene	12.317	146	1299	0.214	ug/l #	74
95) Naphthalene	13.756	128	298000	23.028	ug/l	100

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

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